Water Resources Data South Carolina

(serial)

Water Year 1986

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-86-1

Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

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COMPLETED

ORIGINAL

October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

U.S. DEPARTMENT OF THE INTERIOR
March 3 1849

Water Resources Data South Carolina

Water Year 1986

by C.S. Bennett, R.D. Hayes, K.H. Jones, and T.W. Cooney

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-86-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

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UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on the water program in South Carolina write to
District Chief, Water Resources Division
U.S. Geological Survey
1835 Assembly Street
Columbia, South Carolina 29201

1987

PREFACE

This volume of the annual hydrologic data report of South Carolina is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for South Carolina are contained in one volume.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

A. C. Barker
J. M. Barton
D. E. Bower
A. C. Brown
J. M. Carrino
B. W. Church
T. W. Cooney
F. H. Dew
J. W. Erbland
J. M. Hall
H. E. Herlong
D. E. Leary
R. E. McGonigle
Frank Melendez
J. W. Miller
L. C. Morey
G. L. Murray
I. S. Roberts
J. T. Spell

Margni I. Shealy and Vonzorra Hairston typed the text of the report.

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Water resources data for the 1986 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels of ground-water wells. This volume contains records for water discharge at 100 gaging stations, stage only at 7 gaging stations, stage and contents at 13 lakes and reservoirs, water quality at 47 gaging stations, and water levels at 40 observation wells. Also included are data for 38 crest-stage partial-record stations. Locations of these sites are shown on figures 3,4,5, and 6. Additional water data were collected at various sites not involved in the systematic data-collection program. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

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CONTENTS

Page

Preface iii
List of gaging stations, in downstream order, for which records are published vi
List of ground-water wells, by county, for which records are published. . . . ix
Introduction. 1
Cooperation 2
Summary of hydrologic conditions. 3
Notice. 6
Definition of terms 6
Downstream order and station numbers. 14
Numbering system for wells and miscellaneous sites. 15
Special networks and programs 15
Explanation of stage and water-discharge records. 16
  Collection and computation of data. 16
  Accuracy of field data and computed results 19
  Revised records 20
  Other data available. 20
Access to WATSTORE data 21
Explanation of water-quality records. 21
  Collection and examination of data. 21
  Revisions 21
  Water analysis. 21
  Water temperature 22
  Sediment. 22
Explanation of ground-water level records 23
  Collection of the data. 23
Publications on techniques of water-resources investigations. 24
Surface-water records 31
Discharge at partial-record stations. 316
  Crest-stage partial-record stations 316
Ground-water records. 321
Appendix. 363
Index 383

ILLUSTRATIONS

Figure 1. Comparison of discharge at two long-term representative gaging stations during 1986 water year with median discharges 4
2. System for numbering wells and miscellaneous sites 15
3. Map showing location of streamflow gaging stations, and reservoir or lake gaging stations 26
4. Map showing location of water-quality stations 27
5. Map showing location of crest-stage stations 28
6. Map showing location of ground-water wells 29

vi

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

[Letters after station name designate type of data: (d) discharge, (c) chemical, (s) sediment, (t) water temperature, (g) gage-height, (e) elevation]

SOUTH ATLANTIC SLOPE BASINS — Page

WACCAMAW RIVER BASIN

- Waccamaw River near Longs (d) 32
- AIW at Vereen's Marina at North Myrtle Beach (c) 33
- AIW at Briarcliffe Acres near North Myrtle Beach (c) 35
- AIW at Myrtlewood Golf Course at Myrtle Beach (d) 37
- Waccamaw River at Bucksport (c) 41

PEE DEE RIVER BASIN

- Pee Dee River:
  - Whites Creek near Wallace (d) 43
  - Black Creek (head of Black Creek) near McBee (d) 44
  - Black Creek near Hartsville (d) 45
- Pee Dee River at Peedee (dc) 46
  - Catfish Canal at Sellers (d) 49
  - Lynches River:
    - Fork Creek at Jefferson (d) 50
    - Hanging Rock Creek near Kershaw (d) 51
  - Lynches River at Effingham (dc) 52
  - Little Pee Dee River at Galivants Ferry (d) 55
  - Black River:
    - Scape Ore Swamp near Bishopville (dc) 56
  - Black River near Gable (d) 59
  - Black River at Kingstree (dc) 60

SANTEE RIVER BASIN

- Catawba River (head of Santee River) near Rock Hill (d) 63
- Catawba River near Catawba (d) 64
- Wateree River (continuation of Catawba River) near Camden (d) 65
- Wateree River below Eastover (dc) 66
  - Broad River:
    - Broad River near Gaffney (d) 74
    - Clark Fork Creek near Smyrna (d) 75
    - North Pacolet River at Fingerville (d) 76
      - Lake William C. Bowen near Fingerville (e) 77
    - Pacolet River near Fingerville (d) 78
      - Lawsons Fork Creek at Dewey Plant near Inman (d) 79
    - Neals Creek near Carlisle (d) 80
  - Broad River near Carlisle (dc) 81
    - North Tyger River near Fairmont (d) 89
    - Tyger River near Delta (dc) 90
    - Enoree River at Whitmire (dc) 98
    - Hellers Creek near Pomaria (d) 106
    - Monticello Reservoir near Jenkinsville (c) 107
    - Parr Shoals Reservoir at Parr (e) 114
  - Broad River near Jenkinsville (c) 115
  - Broad River at Alston (d) 122
    - West Fork Little River near Salem Crossroads (d) 124
    - Cedar Creek near Blythewood (d) 125
    - Smith Branch at North Main Street at Columbia (d) 126
  - Saluda River:
    - Middle Saluda River near Cleveland (d) 127
    - Hamilton Creek near Easley (d) 128

SOUTH ATLANTIC SLOPE BASINS--Continued

Page

SANTEE RIVER BASIN--Continued

Saluda River near Ware Shoals (d) 129
Reedy River near Ware Shoals (d) 130
Lake Greenwood near Chappells (e) 131
Ninety-six Creek near Ninety-six (d) 132
Saluda River at Chappells (d) 133
Lake Murray near Columbia (g) 134
Saluda River near Columbia (d) 135
Congaree River (continuation of Broad River) at Columbia (d) 137
Gills Creek at Columbia (d) 138
Congaree River West of Wise Lake near Gadsden (d) 139
Big Beaver Creek near St. Matthews (d) 140
Cedar Creek below Myers Creek near Hopkins (d) 141
Cedar Creek at Cedar Creek Hunt Club near Gadsden (dc) 142

Santee River:

Santee River at Trezesvants Landing near Fort Motte (g) 148
Lakes Marion-Moultrie diversion canal near Pineville (dc) 149
Lake Marion near Pineville (e) 153
Santee River near Pineville (d) 154
Santee River near Russellville (d) 155
Crawl Creek near Pineville (c) 156
Santee River below St. Stephens (c) 157
Wedboo Creek near Jamestown (d) 158
Santee River near Jamestown (g) 159
Santee River near Honey Hill (g) 161
North Santee River near North Santee (g) 163
Minim Creek at AIW near North Santee (gc) 165
South Santee River at AIW near McClellanville (gc) 169

COOPER RIVER BASIN
Cooper River:
West Branch Cooper River:

Lake Moultrie near Pinopolis (e) 173
West Branch Cooper River at Pimlico near Moncks Corner (c) 174
Cooper River at Inlet to Back River near Kittredge (c) 181
Back River at DuPont Intake near Kittredge (c) 183
Cooper River near Goose Creek (c) 190
Cooper River at Cote Bas near North Charleston (c) 197
Cooper River at Mobay near North Charleston (c) 204
Back River at Cote Bas near North Charleston (c) 211
Back River below Foster Creek near North Charleston (c) 215
Cooper River at Customs House at Charleston (g) 217

EDISTO RIVER BASIN
Edisto River:

Dean Swamp Creek near Salley (d) 219
South Fork Edisto River near Denmark (d) 220
North Fork Edisto River at Orangeburg (d) 221
Edisto River near Branchville (d) 222
Edisto River near Givhans (dc) 223

COMBAHEE RIVER BASIN

Salkehatchie River (head of Combahee River) near Miley (d) 226

BROAD RIVER BASIN

Coosawhatchie River (head of Broad River) near Hampton (dc) 227

SOUTH ATLANTIC SLOPE BASINS--Continued Page

SAVANNAH RIVER BASIN

- Chattooga River (head of Savannah River) near Clayton, GA (d) 230
- Tugaloo River (continuation of Chattooga River):
  - Toxaway River (head of Seneca River):
    - Little River near Walhalla (d). 231
- Hartwell Lake near Hartwell, GA (e) 232
- Savannah River below Hartwell Lake near Hartwell, GA (d). 233
- Richard B. Russell Lake near Calhoun Falls (e). 235
- Clark Hill Lake near Clarks Hill (e). 238
  - Stevens Creek near Modoc (d). 239
  - Horn Creek near Colliers (d). 240
- Savannah River at Augusta, GA (dt). 241
  - Upper Three Runs near New Ellenton (dc) 244
  - A-003 at Savannah River Plant (d) 247
  - A-011 at Savannah River Plant (d) 248
  - Tims Branch at Road C at Savannah River Plant (d) 249
  - Upper Three Runs above Road C at Savannah River Plant (d) 250
  - Upper Three Runs at Road A at Savannah River Plant (d). 251
- Savannah River near Jackson (dt). 252
  - X-004 at Savannah River Plant (d) 255
  - D-006 at Savannah River Plant (d) 256
  - D-003 at Savannah River Plant (d) 257
  - Beaverdam Creek at 400-D at Savannah River Plant (d). 258
  - Beaverdam Creek at mouth at Savannah River Plant (t). 259
  - Four Mile Creek at mouth near Jackson (t) 261
  - Site 1 at Savannah River Plant (d). 263
  - HP-52 Outfall at Savannah River Plant (d) 264
  - H-008 at Savannah River Plant (d) 265
  - Site 2 at Savannah River Plant (d). 266
  - Site 3 at Savannah River Plant (d). 267
  - Site 4 at Savannah River Plant (d). 268
  - Site 5 at Savannah River Plant (d). 269
  - Site 5B at Savannah River Plant (d) 270
  - Site 6 at Savannah River Plant (d). 271
  - C-001 at Savannah River Plant (d) 272
  - Tributary to Four Mile Creek below Twin Lakes at Savannah River Plant (d) . 273
  - Site 7 at Savannah River Plant (dt) 274
  - C-003 at Savannah River Plant (d) 277
  - C-004 at Savannah River Plant (dt). 278
  - Four Mile Creek at Road A-12.2 at Savannah River Plant (d). 281
  - K-011 at Savannah River Plant (dt). 282
  - Pen Branch at Road B (dt) 285
  - Pen Branch at Road A-13.2 at Savannah River Plant (d) 288
  - P-013 at Savannah River Plant (dt). 289
  - Steel Creek above Road B at Savannah River Plant (dt) 292
  - L-007 Outfall at Savannah River Plant (dt). 295
  - P-007 at Savannah River Plant (d) 298
  - Steel Creek at Road A at Savannah River Plant (d) 299
  - Steel Creek near Snelling (t) 300
  - P-019 at Savannah River Plant (dt) 302
- Savannah River below Steel Creek near Millett (t) 305
  - Lower Three Runs below Par Pond at Savannah River PLant (t) 307
  - Lower Three Runs near Snelling (d). 309

SOUTH ATLANTIC SLOPE BASINS--Continued Page

SAVANNAH RIVER BASIN

Savannah River at Burtons Ferry Bridge near Millhaven, GA (d) 310
Savannah River near Clyo (dc) 311
Lakes and Reservoirs in Pee Dee basin and Santee River basin (eg) 315

GROUND-WATER WELLS, BY COUNTY

AIKEN

Savannah R. Plant, U.S. Atomic Energy Commission (AK-430) 322

BARNWELL

Town of Williston (BW-78) 323

BEAUFORT

Hilton Head, U.S. Geological Survey (BFT-101) 324
U.S. Marine Corps Air Station, U.S. Marine Corps (BFT-121). 325
Daufuskie island, U.S. Geological Survey (BFT-304). 326
Hilton Head Island, U.S. Geological Survey (BFT-315). 327
Victoria Bluff, S.C. Wildlife Marine Resources Dept. (BFT-429). 328
Hilton Head Island, Sea Pines Plantation (BFT-439). 329
Hilton Head Island, Palmetto Dunes Development Co. (BFT-444). 330
Parris Island, S.C. Water Resources Commission (BFT-453). 331
Hilton Head Island, City of Hilton Head (BFT-786) 332
Hilton Head Island, City of Hilton Head (BFT-787) 333

BERKELEY

Summerville, Berkeley-Sangaree Public Service District (BRK-91) 334

CHARLESTON

Charleston, U.S. Department of Agriculture (CHN-44) 335
Charleston, U.S. Forest Service (CHN-101) 336
Edisto State Park, town of Edisto Beach (CHN-551) 337

COLLETON

Canadys, S.C. Water Resources Commission (COL-97) 338

DORCHESTER

Harleyville, Ford Redimix Concrete Co. (DOR-103). 339

FLORENCE

Timmonsville, Town of Timmonsville (FLO-85) 340
Florence, City Products (FLO-99). 341
Florence, E. I. Dupont de Nemours, Inc. (FLO-128) 342

GEORGETOWN

Georgetown, Georgetown Rural Water District (GEO-77). 343
Pawleys Island, Johnnie Strait (GEO-84) 344

GREENVILLE

Greenville, Brushy Creek School (GRV-709) 345

HAMPTON

Hampton County Landfill, S.C. Water Resources Commission (HAM-82) 346
Yemassee, South Carolina Water Resources Commission (HAM-83). 347

HORRY

Windy Hill Park, City of North Myrtle Beach (HO-269). 348
Collins Park, City of Conway (HO-307) 349

JASPER

Ridgeland, Ted Roach (JAS-144). 350

LEE

Bishopville, Robert W. Merck (LE-23). 351

MARION

Britton Neck, South Carolina Forestry Commission (MN-77) 352

X

GROUND-WATER WELLS, BY COUNTY

Page

MARLBORO

Bennettsville, Oak River Mills (MLB-110) 353
Bennettsville, Town of Bennettsville (MLB-112) 354

ORANGEBURG

Norway, Town of Norway (ORG-95) 355

RICHLAND

Columbia, Shakespeare Manufacturing Co. (RIC-40). 356
Columbia, Hercules, Inc. (RIC-63) 357
Columbia, Lincolnshire subdivision (RIC-309). 358

SUMTER

Sumter, City of Sumter (SU-9) 359

WILLIAMSBURG

Stuckey, Town of Stuckey (WL-76). 360

YORK

Ft. Mill, Tega Cay Development Co. (YK-147) 361

INTRODUCTION

Water resources data for the 1986 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and ground-water levels. This report contains discharge records for 98 gaging stations; stage-only records for 7 gaging stations; stage and contents for 13 lakes and reservoirs; water quality for 47 gaging stations; and water levels for 40 observation wells. Also included are data for 38 crest-stage partial-record stations. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous investigations of water quality. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

Records of discharge and stage of streams, and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Arlington, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published as an official Survey report on a State-boundary basis. These official Survey reports carry an identification number consisting of the two letter State Abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report SC-86-1." For archiving and general distribution, the reports for water years 1971-74 are also identified as water-data reports. These water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone 803/765-5966.

COOPERATION

The U.S. Geological Survey and organizations of the State of South Carolina have had cooperative agreements for the systematic collection of water records since 1930. Organizations that supplied data are acknowledged in station descriptions. Organizations that assisted in collecting data through cooperative agreement with the Survey are:

South Carolina Water Resources Commission, A. H. Vang, Executive Director
South Carolina Public Service Authority, W. C. Mescher, General Manager
South Carolina Department of Highways and Public Transportation,
  Walker Reagan, Chief Highway Commissioner
South Carolina Department of Health and Environmental Control,
  R. S. Jackson, Commissioner
South Carolina Geological Survey, Norman K. Olson, State Geologist
City of Charleston, J. R. Bettis, Manager of Commission of Public Works
City of Spartanburg, L. D. Cantrell, Chairman of Commissioners of Public
  Works
City of Myrtle Beach, Richard Marvin, City Manager

The following Federal agencies assisted in the data collection by furnishing funds or services:

Corps of Engineers, U.S. Army
U.S. Department of Energy
National Park Service, U.S. Department of Interior

The following organizations aided in collecting records:

Bowater-Carolina Corporation
Broad River Electric Coop
Caro-Knit, Inc.
Carolina Power and Light Company
Cooper River Water Users Association
Duke Power Company
Grand Strand Water and Sewer
Milliken Corporation
Platt-Saco-Lowell Corporation
South Carolina Electric and Gas Company
Union Camp
Waccamaw Regional Planning and Development Council

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Deficient rainfall recorded throughout South Carolina produced below normal streamflow for most of the 1986 water year over most of the State. Streamflow in the Piedmont physiographic Province is very sensitive to precipitation due to geologic and topographic conditions. Streams located in the lower Piedmont just above the Fall Line experience highly variable flows during drought conditions. Rainfall at a representative National Weather Service station near Laurens was 27 percent below normal for the 1986 water year. The following table lists the minimum mean daily discharge for six stations for comparison with the computed 7-day, 10-year minimum discharge.

Station	Drainage area (square mile)	Minimum mean daily discharge (cubic foot per second)	7Q10 discharge (cubic foot) per second)
Piedmont			
02157000 N. Tyger River near Fairmont	44.4	5.4	10
02162010 Cedar Creek near Blythewood	48.9		0.5
Upper Coastal Plain			
02130900 Black Creek near McBee	108	18	22
02173000 South Fork Edisto River near Denmark	720	148	211
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	110	132
02176500 Coosawhatchie River near Hampton	203	0.0	0.03

Low-flow conditions in the Coastal Plains Provinces were also well below normal due to the severe drought experienced over the State. Because of the reliable discharge from substantial ground-water reserves, streams in the Upper Coastal Plain Province exhibited greater flow than streams in the Piedmont. Rainfall recorded near Columbia and Charleston by the National Weather Service was 29 percent and 9 percent below normal, respectively, for the 1986 water year.

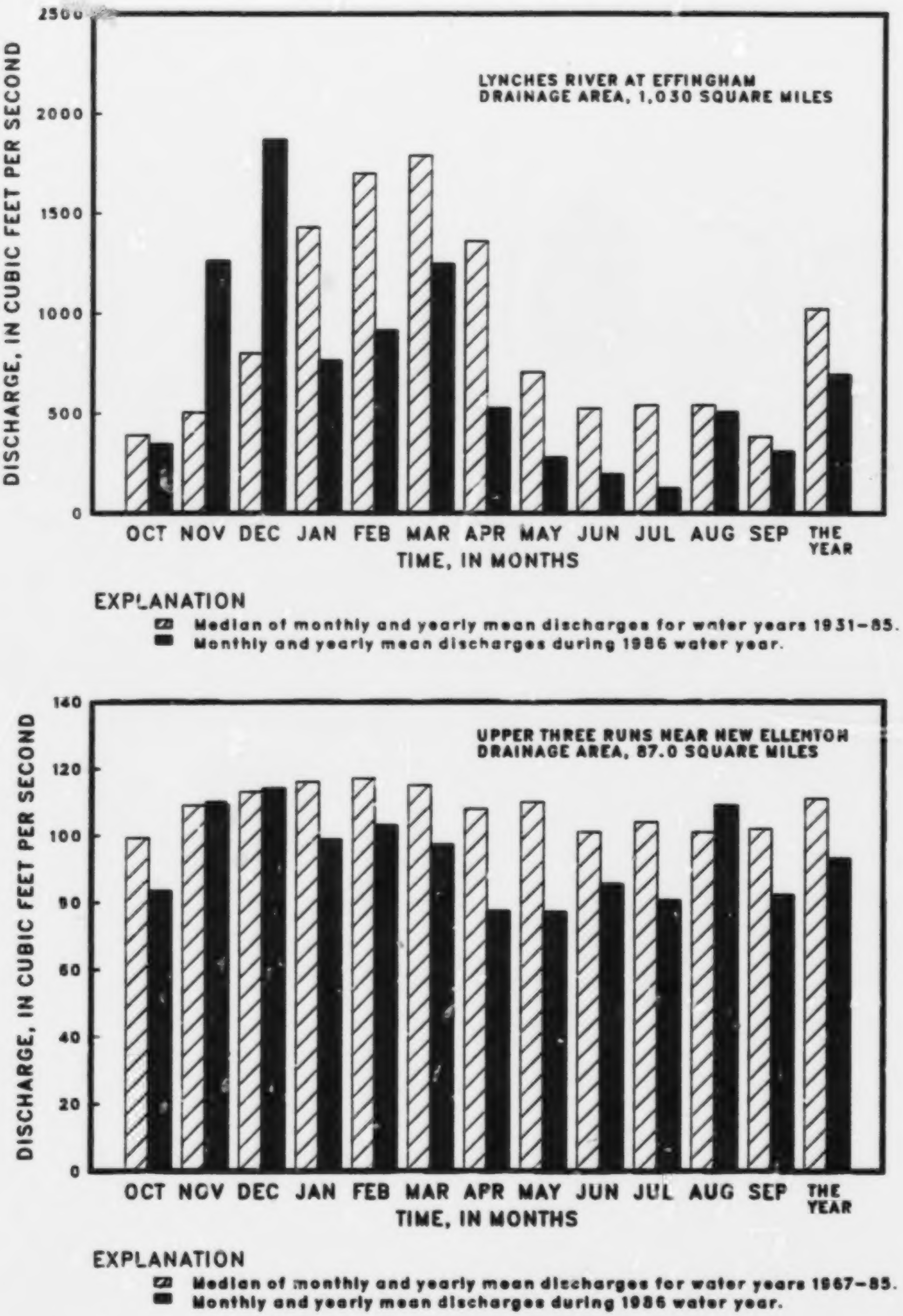

Figure 1.–Comparison of discharge at two long-term representative gaging stations during 1986 water year with median discharges.

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In many cases streamflow was below record levels in parts of the State. Streamflow for two representative long-term gaging stations reached record lows during the month of July. North Fork Edisto River at Orangeburg (station no. 02173500) recorded 36 percent of median flow and established an all time minimum mean daily discharge of 200 cubic feet per second (cfs) for the month of July. This minimum for July was only 10 cfs above the mean daily discharge for the period of record established in September of the extreme drought of 1954. Lynches at Effingham (station no. 02132000) recorded 22 percent of median flow and also established an all time record for a minimum mean daily flow of 109 cfs in July.

Figure 1 on page 4 shows a comparison of monthly and yearly mean discharges during the 1986 water year with the median of monthly and yearly mean discharges for the periods listed for two index stations in these areas.

Significant flooding occurred in Newberry with 10.42 inches of rainfall reported August 18. This flooding produced peak flows estimated to be greater than the 100-year recurrence interval. Except for this flood, high flow conditions in the State were generally nonexistent during the water year. Peaks were recorded during the months of November, December, and August.

Ground Water

Ground-water levels, like streamflow, strongly reflected the climatic conditions. In the Piedmont, ground water occurs in the fault and fracture systems of the crystalline rocks and in places in the shallow material overlying the hard rock. Water levels in this area quickly reflect the amount of precipitation received. The water level in well GRV-709 near Greenville, an unused 80-foot deep water table well, fell from 29.96 feet below land surface on October 1, 1985 to 33.33 feet below land surface on September 30, 1986.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this portion of the State, and in ares of heavy withdrawal of ground water by pumping from the artesian aquifers, a reduction of the pressure head caused the water level to decline. This decline persists in areas where there is continual pumping on a year round basis. Ground-water levels in the Black Creek Aquifer continued to decline during the water year. The water level in well HO-307, a 416-foot drilled observation well, declined from 44.88 feet below land surface to 48.66 feet below land surface. This decline illustrates the link to precipitation and also to the heavy pumping occuring along the Myrtle Beach area. Variation in water levels for wells included in this report are illustrated by hydrographs below the tables in the ground-water section.

Water Quality

Water-quality data were collected at 47 surface-water sites during this water year. Comparison of this data with previous years showed little change in the chemical quality occurred this year, except for low dissolved oxygen content in many streams. This low dissolved oxygen content attributed to the high temperatures and very little precipitation resulted in several fish kills.

NOTICE

During water year 1978, revisions were made in the terminology used to define 143 of the water-quality parameter codes that have been used by the Geological Survey in its publication of water-quality data and in its WATSTORE data system. These revisions were made to achieve consistency in terminology and to conform to a joint USGS-EPA agreement on terminology. They do not represent a change in the way the codes have been used in the past or in the association of specific code numbers with identified analytical procedures.

Use of the new terminology began with the data for the 1978 water year, and therefore, it first appeared in the publication for that year. Definitions on which the terminology is based are included in the "Definitions" section of this report, and listings showing both old and new terminology are attached as an appendix to this report.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting English units to International System of units (SI) on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water levels stands above the top of the aquifer, tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

> Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as the organisms which produce colonies within 24 hours when incubated at 35°C ± 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all the organisms which produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal streptococcal bacteria are bacteria found also in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C ± 1.0°C on M-enterrococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m^3) and periphyton and benthic organisms in grams per square meter (g/m^3).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample Dry mass values are expressed in the same units as ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants Chlorophyll a and b are the two most common pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (FT^3/S, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved is that material in a representative water sample which passes through a 0.45 µm membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontribution areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Hydrologic Unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram (µg/g) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per liter (µG/L, µg/L) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represent the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L, and is based on the mass of sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meters (m^2), acres, or hectares. Periphyton benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay..........	0.00024 -0.004	Sedimentation
Silt..........	.004 -.062	Sedimentation
Sand..........	.062 -2.0	Sedimentation or sieve
Gravel........	2.0 -64.0	Sieve

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material is removed and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Pesticides are chemical compounds used to control undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides. Insecticides and herbicides, which control insects and plants respectively, are the two categories reported.

Picocurie (PC, pCi) is one trillionth (1x10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7x10^{-10} radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water or lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment, and are commonly known as algae.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

Runoff in inches (IN, in) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mg/L times 0.0027.

Suspended-sediment load is quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance in (micromsciemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Surface area of a lake is that area outlined on the latest USGS topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by analytical portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

Tons per day is the quantity of substance in solution of suspension that passes a stream section during a 24-hour day.

Total is the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determines all of the constituent in the sample.)

Total load (tons) is the total quantity of any individual constituent, as measured mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge times the mg/L of the constituent times the factor 0.027 times the number of days.

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Recoverable from bottom material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of only readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Total in bottom material is the total amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Water year in the Geological Survey reports is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ended September 30, 1986, is called the "1986 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBERS

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station such as 02175000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) uniquely identify the wells or other sites within a 1-second grid. See figure 2 below.

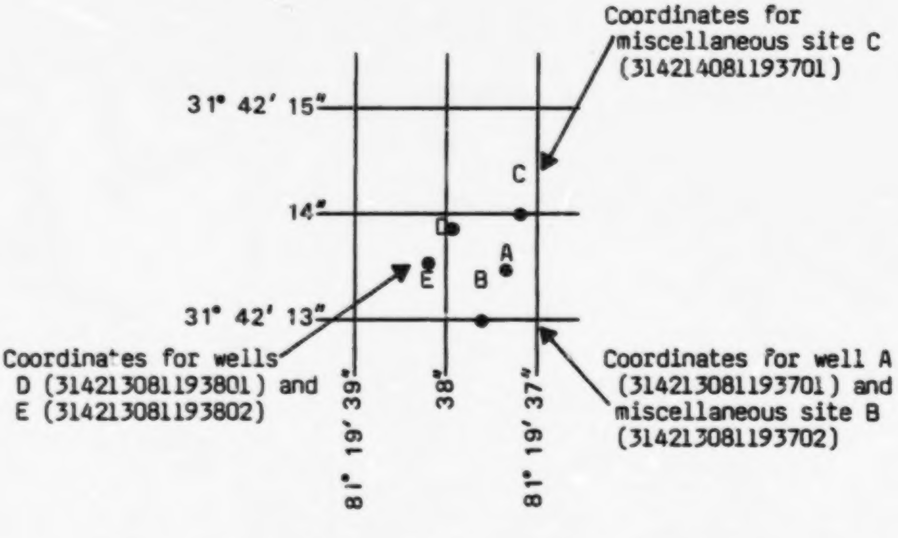
Coordinates for
miscellaneous site C
(314214081193701)
31° 42′ 15″
C
14″
D
A
E
B
31° 42′ 13″
Coordinates for wells
D (314213081193801) and
E (314213081193802)
81° 19′ 39″
38″
81° 19′ 37″
Coordinates for well A
(314213081193701) and
miscellaneous site B
(314213081193702)

Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

BEST COPY AVAILABLE

National stream-quality accounting network (NASQAN) is a data collection network designed by the U.S. Geological Survey to meet many of the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The data base collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs (fig. 3). In addition, observation of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a lake or reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise, daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations and for some reservoir stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964 to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revision, the fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figures was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

Under "GAGE" are given the type of gage currently in use; the datum of the present gage referred to National Geodetic Vertical Datum; and a condensed history of the types, locations, and datums of previous gages used during the period of record. National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow of the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance.

"EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at crest-stage partial-record stations follow the information for continuous record sites (fig. 5). Annual maximum stage and discharge is listed for each of these stations.

Accuracy of field data and computed results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Revised records

Previously, if a significant error in published records was discovered, a revision was published in the first report following discovery of the error. This paragraph then served to document for users all the reports in which revisions had been published for the station and the water years to which the revisions applied. However, beginning with the 1983 water year, revisions will no longer be published but appropriate changes will be made in WATSTORE files. All previous revisions are, of course, in WATSTORE, and users are encouraged to obtain all required data from the WATSTORE computer files (see the section, "Access to WATSTORE Data").

Under "Revised Records," a year listed without qualification indicates that daily, monthly, or annual discharges were revised. The qualifications (M), (m), and (P) mean that only the instantaneous maximum, the instantaneous or daily minimum, and flood peaks above the base, respectively, have been revised. A "W" for "WATSTORE" will be shown, replacing the name of the data report in which the revised values would previously have been published, for all revisions made after 1982. For example, the notation for indicating that the 1979 water-year daily values for a particular station in South Carolina have been revised during the 1983 water year would no longer be "WRD SC-83-1: 1979," but W 1983: 1979." If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

Other data available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurments, gage-height records, and rating tables is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

ACCESS TO WATSTORE DATA

The National WATer Data STOrage and REtrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from each of the Water Resources Division's district offices (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

Surface water samples for analyses usually are collected at or near gaging stations (fig. 4). The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, biological determination, water temperatures, sediment discharge), period of record and, extremes of pertinent data, and general remarks.

Revisions

If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small daily temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-head discharges.

At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included.

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 6). These wells penetrate and receive water from various aquifers and supply the most significant data on the regional ground-water conditions of the State.

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is provided for local needs (fig. 2).

Each observation well is equiped with a digital tape recorder which automatically punches the depth to water in a well hourly. The recorders are checked periodically and the depth to water verified by tape measurements. Mechanical failures or other causes will interrupt the record or cause false values to be recorded which must be corrected. The blank spaces in the hydrographs are the results of such loss of record.

The hydrographs were plotted using the measurement of the mean value for each day.

Water-level measurements in this report are given in feet with reference to either National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum of 1929 is the datum plane on which the national network of precise levels is based; land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical Datum of 1929 is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description.

Water levels are reported to two significant figures. The accuracy of the measurement depends on the depth to water. The error increases with greater depths so that measurements of water levels one hundred feet or greater probably are not accurate to the degree indicated. However, successive measurements of water levels in a well by means of a recorder to determine net changes in the water level are considered to be accurate.

The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

The reports listed below are for sale by the U.S. Geological Survey, Books and Open- File Reports Section, Federal Center, Box 25425, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

1-D1. *Water temperature--influential factors, field measurement, and data presentation,* by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.

1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents,* by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

2-D1. *Application of surface geophysics to ground-water investigations,* by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.

2-E1. *Application of borehole geophysics to water-resources investigations,* by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.

3-A1. *General field and office procedures for indirect discharge measurements,* by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

3-A2. *Measurement of peak discharge by the slope-area method,* by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.

3-A3. *Measurement of peak discharge at culverts by indirect methods,* by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.

3-A4. *Measurement of peak discharge at width contractions by indirect methods,* by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 Pages.

3-A5. *Measurement of peak discharge at dams by indirect methods,* by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.

3-A6. *General procedure for gaging streams,* by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.

3-A7. *Stage measurements at gaging stations,* by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.

3-A8. *Discharge measurements at gaging stations,* by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.

3-A9. *Measurement of time of travel and dispersion in streams by dye tracing,* by E. F. Hubbard, F. A. Kilpatrick, L. A. Martens, and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1982. 44 pages.

3-A10. *Discharge ratings at gaging stations,* by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.

3-A11. *Measurement of discharge by moving-boat method,* by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.

3-A13. *Computation of continuous records of streamflow,* by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.

3-A14. *Use of flumes in measuring discharge,* by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.

3-A15. *Computation of water-surface profiles in open channels,* by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.

3-B1. *Aquifer-test design, observation, and data analysis,* by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.

3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction,* by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.

3-B3. *Type curves for selected problems of flow to wells in confined aquifers,* by J. E. Reed: USGS-TWRI Book 3, Chapter B3. 1980. 106 pages.

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3-C1. *Fluvial sediment concepts* by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.

3-C2. *Field methods for measurement of fluvial sediment* by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.

3-C3. *Computation of fluvial-sediment discharge,* by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.

4-A1. *Some statistical tools in hydrology,* by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.

4-A2. *Frequency curves,* by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.

4-B1. *Low-flow investigations,* by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.

4-B2. *Storage analyses for water supply,* by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.

4-B3. *Regional analyses of streamflow characteristics,* by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.

4-D1. *Computation of rate and volume of stream depletion by wells* by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.

5-A1. *Methods for determination of inorganic substances in water and fluvial sediments* by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.

5-A2. *Determination of minor elements in water by emission spectroscopy,* by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.

5-A3. *Methods for analysis of organic substances in water,* by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.

5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples,* edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.

5-A5. *Methods for determination of radioactive substances in water and fluvial sediments,* by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.

5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sedments,* by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.

5-C1. *Laboratory theory and methods for sediment analysis,* by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.

7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments,* by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.

7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water,* by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.

7-C3. *A model for simulation of flow in singular and interconnected channels* by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.

8-A1. *Methods of measuring water levels in deep wells,* by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages

8-A2. *Installation and service manual for U.S. Geological Survey manometers* by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.

8-B2. *Calibration and maintenance of vertical-axis type current meters,* by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

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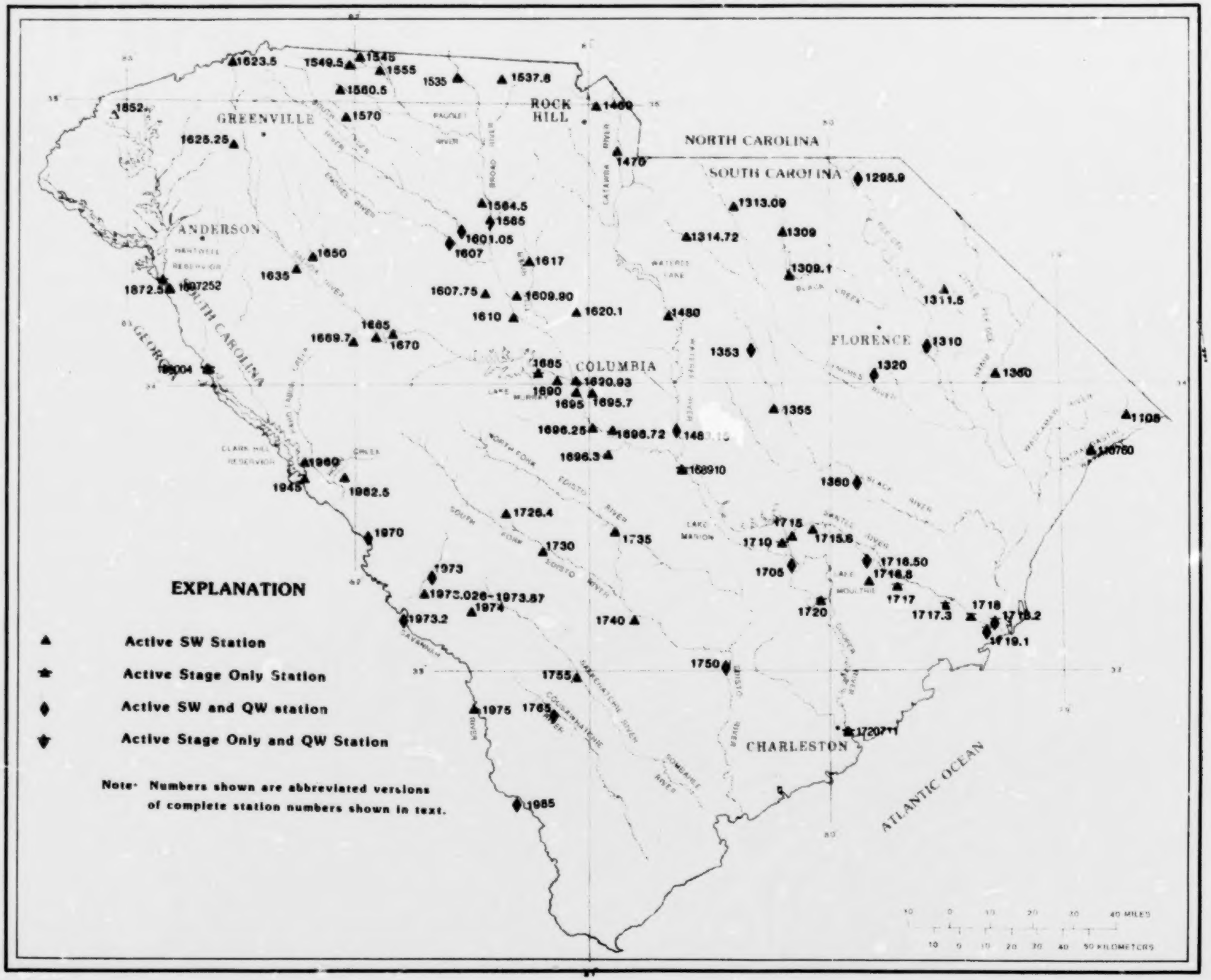
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
GREENVILLE
ANDERSON
ROCK HILL
COLUMBIA
FLORENCE
CHARLESTON
ATLANTIC OCEAN
EXPLANATION
▲ Active SW Station
★ Active Stage Only Station
♦ Active SW and QW station
♦ Active Stage Only and QW Station
Note- Numbers shown are abbreviated versions of complete station numbers shown in text.
1623.5
1549.5
1545
1555
1535
1537.8
1560.5
1570
1852
1625.25
1460
1470
1295.9
1313.09
1564.5
1565
1601.05
1607
1617
1314.72
1309
1309.1
1650
1635
1872.5
1607.75
1609.90
1620.1
1480
1311.5
1610
1665
1669.7
1670
1353
1310
1320
1360
1685
1690
1620.93
1695
1695.7
1355
1108
1696.25
1696.72
1696.3
168910
1960
1945
1962.5
1380
1726.4
1735
1715
1715.6
1710
1730
1716.50
1970
1705
1716.8
1973
1717
1720
1718
1973.026-1973.87
1717.3
1973.2
1974
1740
1719.1
1750
1755
1975
1765
172071
1985
10 0 10 20 30 40 MILES
10 0 10 20 30 40 50 KILOMETERS

Figure 3.--Location of streamflow gaging stations, and reservoir or lake gaging stations.

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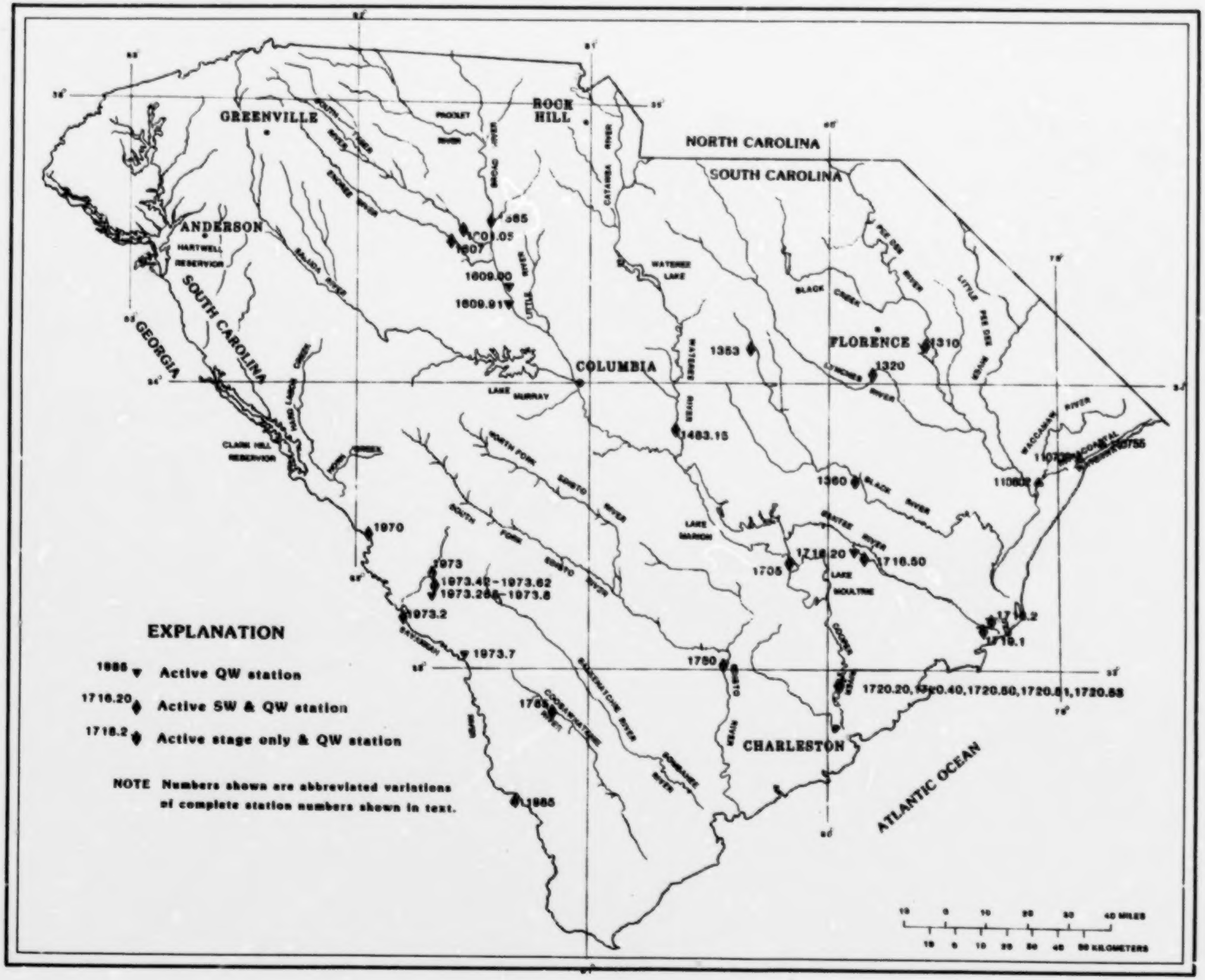
GREENVILLE
ROCK HILL
NORTH CAROLINA
SOUTH CAROLINA
ANDERSON
HARTWELL RESERVOIR
GEORGIA
SOUTH CAROLINA
COLUMBIA
LAKE MURRAY
FLORENCE
CLARK HILL RESERVOIR
LAKE MARION
LAKE MOULTRIE
CHARLESTON
ATLANTIC OCEAN
WATEREE LAKE
BLACK CREEK
PEE DEE RIVER
LITTLE PEE DEE RIVER
LYNCHES RIVER
WACCAMAW RIVER
BLACK RIVER
SANTEE RIVER
COOPER RIVER
EDISTO RIVER
NORTH FORK EDISTO RIVER
SOUTH FORK EDISTO RIVER
SAVANNAH RIVER
COMBAHEE RIVER
SALKEHATCHIE RIVER
COOSAWHATCHIE RIVER
ASHEPOO RIVER
SALUDA RIVER
ENOREE RIVER
TYGER RIVER
BROAD RIVER
CATAWBA RIVER
WATEREE RIVER
ASHLEY RIVER
1565
1701.05
1607
1609.00
1609.91
1353
1310
1320
1483.15
1360
1107
10755
110802
1970
1973
1973.40-1973.62
1973.265-1973.8
1973.2
1973.7
1718.20
1716.50
1705
1716.2
1716.1
1750
1720.20, 1720.40, 1720.50, 1720.51, 1720.55
1985
EXPLANATION
1885 ▼ Active QW station
1718.20 ◆ Active SW & QW station
1718.2 ◆ Active stage only & QW station
NOTE Numbers shown are abbreviated variations of complete station numbers shown in text.
10 0 10 20 30 40 MILES
10 0 10 20 30 40 50 KILOMETERS
35°
34°
33°
83°
82°
81°
80°
79°

Figure 4.--Location of water-quality stations.

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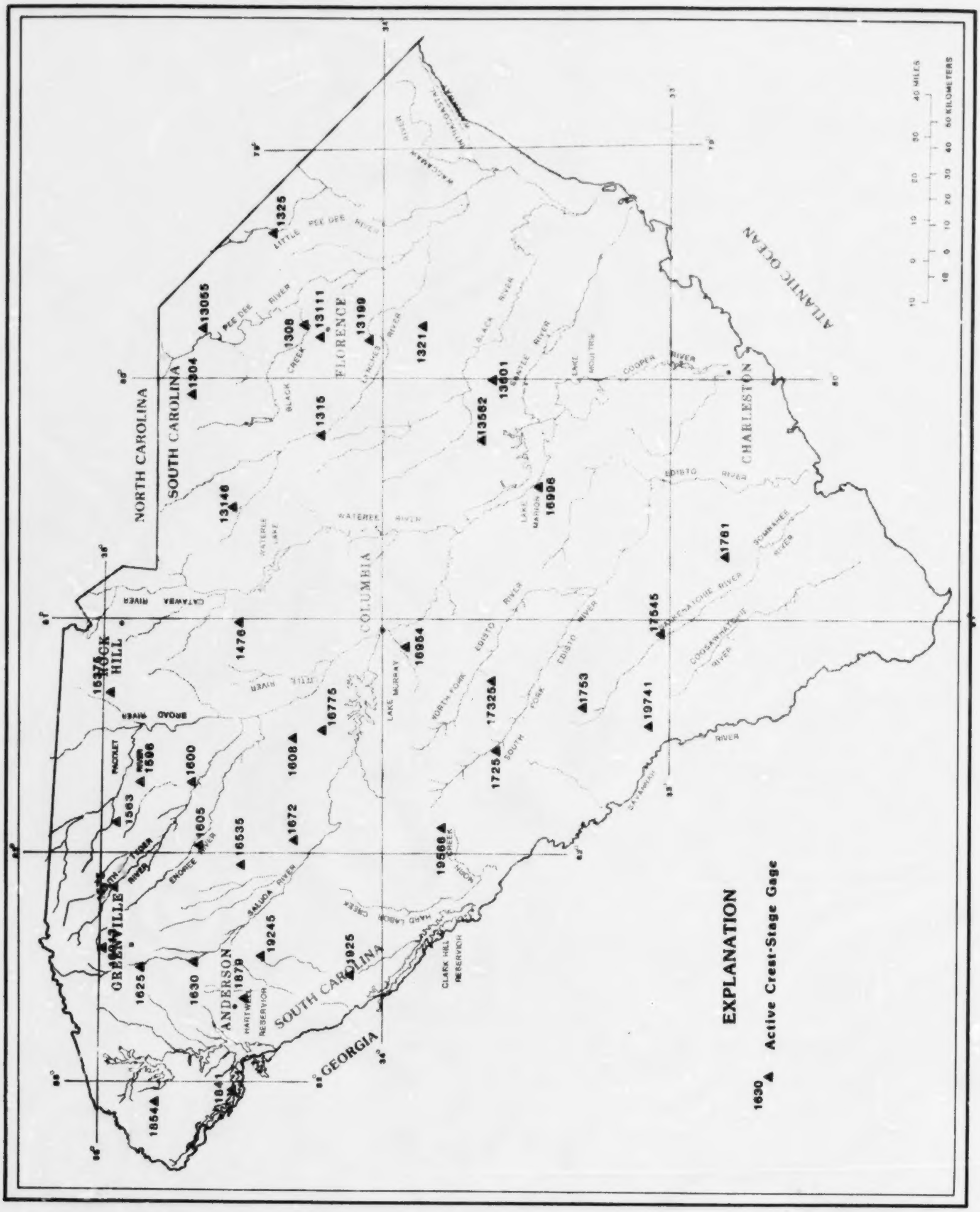
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
GREENVILLE
ROCK HILL
ANDERSON
COLUMBIA
FLORENCE
CHARLESTON
ATLANTIC OCEAN
HARTWELL RESERVOIR
CLARK HILL RESERVOIR
LAKE MURRAY
WATEREE LAKE
LAKE MARION
LAKE MOULTRIE
SALUDA RIVER
ENOREE RIVER
TYGER RIVER
PACOLET RIVER
BROAD RIVER
LITTLE RIVER
CATAWBA RIVER
WATEREE RIVER
BLACK CREEK
PEE DEE RIVER
LITTLE PEE DEE RIVER
LYNCHES RIVER
BLACK RIVER
SANTEE RIVER
COOPER RIVER
WACCAMAW RIVER
INTRACOASTAL WATERWAY
NORTH FORK EDISTO RIVER
SOUTH FORK EDISTO RIVER
EDISTO RIVER
HARD LABOR CREEK
HORN CREEK
SAVANNAH RIVER
COOSAWHATCHIE RIVER
SALKEHATCHIE RIVER
COMBAHEE RIVER
1854
1841
1625
1630
1879
19245
1925
19566
1563
1596
1600
1605
16535
1672
1608
16775
15375
1476
16954
17325
1725
1753
19741
17545
1761
13146
16998
13562
13601
1315
1304
13055
1308
13111
13199
1321
1325
35°
34°
33°
83°
82°
81°
80°
79°
10 0 10 20 30 40 MILES
10 0 10 20 30 40 50 KILOMETERS
EXPLANATION
1630 ▲ Active Crest-Stage Gage

Figure 5.--Location of crest-stage stations.

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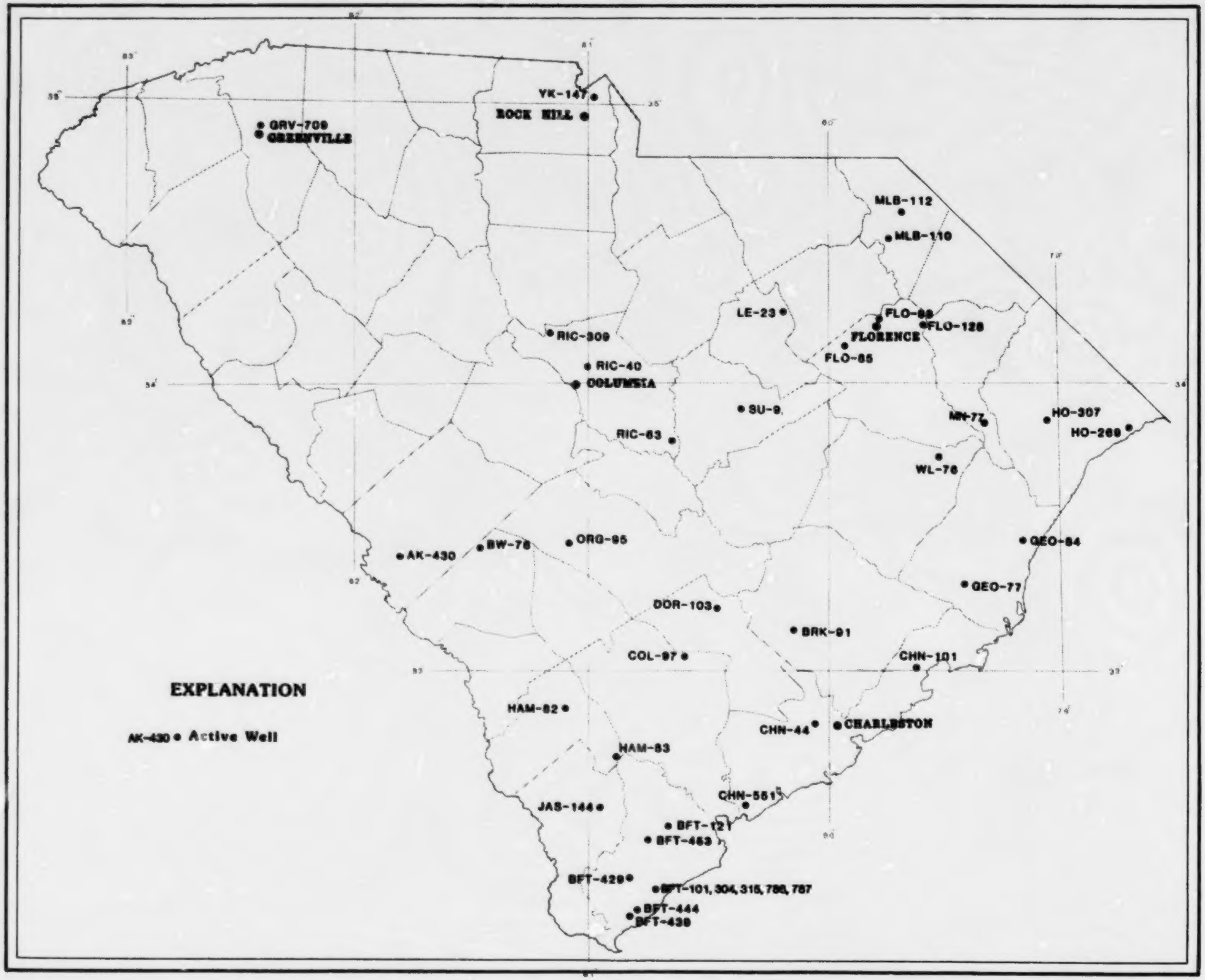
YK-147
ROCK HILL
GRV-709
GREENVILLE
MLB-112
MLB-110
LE-23
FLO-88
FLORENCE
FLO-128
FLO-85
RIC-309
RIC-40
COLUMBIA
SU-9
RIC-63
MN-77
HO-307
HO-269
WL-76
AK-430
BW-76
ORG-95
GEO-84
GEO-77
DOR-103
BRK-91
COL-97
CHN-101
HAM-82
CHN-44
CHARLESTON
HAM-83
CHN-551
JAS-144
BFT-121
BFT-453
BFT-429
BFT-101, 304, 315, 786, 787
BFT-444
BFT-438
EXPLANATION
AK-430 ● Active Well
35°
34°
33°
83°
82°
81°
80°
79°

Figure 6.--Location of ground-water wells.

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30

SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

LOCATION.--Lat 33°54'45", long 78°42'55", Horry County, Hydrologic Unit 03040206, near right bank on downstream side of bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 mi southeast of Longs, and at mile 85.4.

DRAINAGE AREA.--1,110 mi², approximately.

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5.28 ft above National Geodetic Vertical datum of 1929 (levels of Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges; Jan. 15 to Feb. 7, and Jun. 2 to Aug. 5; records fair, except for periods of estimated record, which are poor.

AVERAGE DISCHARGE.--36 years, 1,205 ft³/s, 14.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,200 ft³/s Aug. 23, 1981, gage height, 14.87 ft; minimum, 1.0 ft³/s, Oct. 14, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,150 ft³/s, Aug. 27, gage height, 9.94 ft; minimum, 19 ft³/s, Oct. 30, 31, gage height, 0.47 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	27	627	770	711	522	1130	61	189	1100	340	1820
2	73	42	668	730	722	496	1060	57	170	1100	350	1760
3	68	36	702	703	737	470	974	52	150	1200	350	1710
4	64	76	747	674	746	448	897	48	140	1200	360	1630
5	61	108	790	652	735	430	819	43	130	1300	380	1530
6	56	99	832	625	722	412	741	40	140	1400	406	1430
7	51	95	855	603	718	392	660	38	170	1500	439	1360
8	48	93	861	586	686	370	591	37	200	1500	483	1290
9	45	91	858	567	659	349	538	36	270	1600	528	1240
10	43	90	843	551	632	328	483	34	320	1600	573	1180
11	41	87	822	539	686	308	430	31	400	1600	623	1100
12	40	84	798	522	746	290	381	28	470	1600	691	1020
13	39	83	1000	501	751	288	338	28	520	1600	767	938
14	39	79	1140	477	751	404	298	27	540	1600	835	860
15	38	76	1130	453	761	650	266	26	560	1600	862	782
16	37	72	1150	432	766	639	238	25	560	1500	865	711
17	37	70	1170	406	772	626	213	24	540	1500	853	637
18	35	67	1200	389	778	634	192	23	540	1400	845	570
19	34	64	1230	373	781	686	173	27	540	1200	883	513
20	32	61	1240	356	779	892	157	52	580	1100	1040	456
21	31	59	1240	341	767	1060	143	58	600	1000	1260	402
22	30	117	1220	327	745	1150	129	54	640	900	1450	360
23	29	313	1200	314	716	1200	117	69	720	800	1600	323
24	28	370	1160	315	680	1240	107	89	800	700	1760	292
25	27	415	1110	328	642	1270	98	113	900	600	1950	266
26	24	453	1050	360	604	1290	90	191	1000	500	2070	247
27	23	483	989	543	577	1310	82	189	1100	450	2130	230
28	22	501	936	580	551	1310	77	180	1200	400	2130	215
29	20	513	898	600	---	1290	71	175	1200	350	2080	205
30	19	556	856	628	---	1250	66	176	1200	340	1990	203
31	20	---	811	670	---	1190	---	193	---	330	1910	---
TOTAL	1233	5280	30133	15915	19921	23194	11559	2224	16489	34570	32803	25280
MEAN	39.8	176	972	513	711	748	385	71.7	550	1115	1058	843
MAX	78	556	1240	770	781	1310	1130	193	1200	1600	2130	1820
MIN	19	27	627	314	551	288	66	23	130	330	340	203

CAL YR 1985 TOTAL 238115 MEAN 652 MAX 4220 MIN 19
WTR YR 1986 TOTAL 218601 MEAN 599 MAX 2130 MIN 19

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°50'34", long 79°00'18", Horry County, Hydrologic Unit 03040207, on right bank at Vereens Marina, 6.5 mi upstream from the junction of Little River Inlet and at mile 348.2.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to current year.

INSTRUMENTATION.--USGS mini-monitor.

REMARKS.--Specific conductance values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 64,200 microsiemens Sept. 25, 1984; minimum, less than 100 microsiemens many days each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 47,100 microsiemens Jun. 21; minimum, less than 100 microsiemens many days during the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17100	200	5160	24900	200	8570	7700	200	1260	8600	200	1360
2	21300	200	6320	18400	200	4860	5000	100	420	9000	200	2800
3	18600	200	6180	25900	200	8370	700	200	255	6800	100	1580
4	22400	200	7980	14900	200	4670	600	100	222	8300	200	2000
5	25200	400	10700	11000	100	2120	300	100	198	15400	200	2470
6	32200	300	14500	13700	100	3250	300	100	189	22600	200	4370
7	31900	2200	17300	14700	200	4810	400	100	206	21300	200	5660
8	33100	3200	18500	14900	100	3590	900	100	279	25100	200	6090
9	26200	200	9170	19900	200	7610	900	100	252	24300	200	5530
10	21600	300	8690	20500	200	5230	700	100	233	28000	200	7450
11	26200	200	8380	17600	200	3550	3300	100	342	35900	300	10700
12	37900	500	15400	24200	100	5300	4000	100	461	24200	300	6420
13	38400	3700	21100	28600	200	6170	1200	100	261	14300	200	2820
14	37400	900	16500	29600	200	6450	400	100	188	19100	200	3830
15	35800	300	12900	20900	200	4450	1000	100	242	21000	200	5390
16	35800	200	11200	22800	200	4770	500	100	221	13000	200	3610
17	34900	200	12100	9000	200	2120	400	100	195	7700	200	1800
18	36600	400	14600	12300	100	2200	200	100	176	5400	200	1520
19	25300	300	9730	8200	100	2330	300	100	192	14500	200	4220
20	21200	200	5680	6800	100	1550	400	100	210	8400	200	2690
21	24700	200	7540	7400	100	1870	500	100	219	19500	300	6420
22	24200	200	8800	10700	200	2070	800	100	276	18500	200	5840
23	23100	300	9290	10100	200	2370	800	100	258	17000	200	5700
24	22900	300	8870	10700	200	2480	900	100	293	23700	200	6810
25	20400	300	8020	5100	200	938	1200	100	297	22700	300	6790
26	24100	300	10100	5800	100	691	1400	100	415	14300	200	3010
27	22700	300	8210	2400	100	397	1100	100	417	8100	200	1320
28	17100	200	5360	5700	100	604	4300	100	504	18200	300	3700
29	24500	200	7740	7100	100	969	6400	100	797	16100	200	4270
30	30200	300	9270	9500	100	1230	7600	200	1200	8400	200	2320
31	21800	200	6330	----	----	----	8400	200	1370	7200	200	1740
MONTH	38400	200	10400	29600	100	3520	8400	100	389	35900	100	4220

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4600	200	1150	11200	200	2390	1500	100	325	---	---	---
2	4600	100	872	10200	200	1780	3800	100	550	---	---	---
3	7100	100	1210	8400	200	1540	6000	100	1100	---	---	---
4	17900	200	3680	10400	200	2400	7400	100	1210	---	---	---
5	18000	200	3700	15700	200	3820	3300	100	875	---	---	---
6	20400	200	5890	16400	200	2990	3900	100	954	---	---	---
7	18400	200	4760	19000	200	4470	9000	100	1580	---	---	---
8	28000	200	7920	23600	200	6900	17300	200	4540	---	---	---
9	23900	300	6650	16600	200	4950	19800	100	4310	---	---	---
10	19800	200	5310	10900	200	2770	17600	200	5510	---	---	---
11	10000	200	2640	8900	200	2270	20400	200	5510	---	---	---
12	6200	200	1310	14800	200	4070	17400	200	4840	---	---	---
13	4400	200	932	12100	200	4180	17000	200	4690	---	---	---
14	6300	200	1710	11800	200	3220	17900	200	5350	---	---	---
15	6200	200	1200	3900	100	743	21800	200	5710	---	---	---
16	9400	200	1080	3300	200	610	18600	9400	14400	---	---	---
17	7700	100	1620	4000	100	743	---	---	---	---	---	---
18	11500	200	2350	5300	100	972	---	---	---	---	---	---
19	11300	100	3290	6900	100	1280	---	---	---	29400	800	14900
20	16200	200	5750	1100	100	285	---	---	---	35000	1200	17800
21	17100	200	4520	3200	100	697	---	---	---	38600	1000	19400
22	10800	200	3300	2200	100	581	---	---	---	42400	1100	19800
23	13100	200	3910	2600	100	670	---	---	---	44700	1500	22100
24	16300	200	4280	2000	100	648	---	---	---	43900	600	19100
25	8800	200	2410	3100	100	931	---	---	---	44300	1500	21600
26	20300	200	5280	4000	100	819	---	---	---	44500	1100	20800
27	13300	200	3220	8300	100	1060	---	---	---	42900	1000	19300
28	10600	200	2930	10100	100	1270	---	---	---	38100	400	14300
29	---	---	---	10500	100	898	---	---	---	28200	300	10600
30	---	---	---	3100	100	445	---	---	---	29900	400	12800
31	---	---	---	3200	100	439	---	---	---	23200	300	9220
MONTH	28000	100	3340	23600	100	1960	21800	100	3840	44700	300	17100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18200	200	6310	23900	200	8730	33800	300	12400			
2	18400	200	5720	21300	200	6880	44500	600	13700			
3	30400	300	10600	30700	200	9190	43800	600	16100			
4	24600	300	10500	30400	1000	14900	45300	900	14400			
5	26700	200	7540	20900	200	7830	43600	2300	18400			
6	26300	200	8040	17700	200	4300	44600	1500	17300			
7	27000	200	7080	18800	200	4280	42800	300	11600			
8	22900	200	5790	23500	200	5540	12900	200	3880			
9	28400	200	7550	23200	200	6860	15800	100	3520			
10	28600	900	13300	42700	200	8370	24000	100	7690			
11	28600	300	9250	38400	300	9170	23200	400	7480			
12	23300	300	6580	22100	200	6660	18900	100	5990			
13	21700	200	6870	16400	200	4230	18000	400	7190			
14	20700	400	9120	14700	100	4250	20000	400	5540			
15	27200	400	12200	24600	200	7910	27300	400	7620			
16	22400	300	9700	26500	300	8690	20800	300	5860			
17	24100	100	8040	29700	400	9820	12600	100	2110			
18	38600	300	15100	34800	600	12100	12200	100	2380			
19	40700	1700	21500	39900	400	16000	22200	200	5700			
20	43600	800	19500	43800	2200	22000	18000	400	5890			
21	47100	900	21100	40600	2000	24500	---	---	---			
22	43700	1200	23600	41200	800	19900	---	---	---			
23	40400	400	15300	38800	600	16700	---	---	---			
24	38700	300	10300	38000	900	16700	---	---	---			
25	29700	400	9850	34400	1300	16700	---	---	---			
26	37000	1900	17200	29500	400	12100	---	---	---			
27	29600	300	10100	22100	300	8950	---	---	---			
28	18100	200	5380	24900	300	9920	---	---	---			
29	15000	200	5190	26200	300	10700	---	---	---			
30	20200	100	5860	27100	300	10800	---	---	---			
31	---	---	---	25700	300	11400	---	---	---			
MONTH	47100	100	10800	43800	100	10800	45300	100	8840			
YEAR	47100	100	6320									

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°47'54", long 78°45'12", Horry County, Hydrologic Unit 03040207, on right bank 100 ft upstream from Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at mile 354.1.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, >10,000 microsiemens Jun. 21, 1986; minimum, 70 microsiemens several days most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, >10,000 microsiemens Jun. 21; minimum, 80 microsiemens several days in Dec. and Sept.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	130	100	113	160	130	142	140	120	132	130	110	118
2	130	100	114	150	120	135	140	110	130	130	110	118
3	140	110	121	180	120	139	120	100	111	130	110	122
4	150	110	130	160	110	136	120	90	107	130	100	119
5	190	100	142	140	100	123	120	110	115	130	120	121
6	490	130	170	130	110	115	110	90	103	130	110	120
7	810	110	211	---	---	---	110	80	101	170	120	132
8	590	140	217	---	---	---	120	90	105	160	120	129
9	200	100	153	---	---	---	120	100	105	140	120	128
10	170	130	146	---	---	---	100	80	91	150	120	131
11	200	110	139	---	---	---	100	80	91	520	110	195
12	270	100	150	---	---	---	110	90	99	170	120	137
13	1530	130	357	---	---	---	110	90	102	150	120	131
14	560	130	230	---	---	---	110	90	99	150	110	129
15	320	130	166	---	---	---	110	80	96	170	120	131
16	400	130	171	---	---	---	120	90	105	150	120	131
17	580	100	190	---	---	---	110	100	105	140	110	129
18	770	140	221	---	---	---	120	100	109	140	120	127
19	190	110	163	---	---	---	110	100	108	140	120	130
20	180	130	151	---	---	---	110	100	103	140	120	127
21	210	130	151	---	---	---	110	90	101	140	120	131
22	180	130	150	---	---	---	110	90	103	150	120	137
23	170	130	148	---	---	---	120	100	108	170	130	140
24	170	130	147	---	---	---	120	100	115	190	120	142
25	170	130	149	130	110	115	120	100	110	180	120	141
26	180	130	151	120	100	111	120	100	105	140	120	131
27	180	130	150	120	100	113	120	100	109	130	120	124
28	160	130	140	130	110	118	1000	110	128	140	110	126
29	170	120	140	130	110	124	120	100	114	160	120	131
30	170	130	144	140	120	131	120	100	112	140	110	126
31	150	130	141	---	---	---	130	100	115	130	110	122
MONTH	1530	100	163	180	100	125	1000	80	108	520	100	131

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	140	110	126	140	110	121	110	100	107	250	110	158
2	140	120	130	130	110	119	120	100	108	150	100	125
3	140	120	132	130	110	120	120	100	113	310	100	183
4	150	120	138	130	110	120	130	100	116	210	100	163
5	160	120	143	140	110	124	130	110	117	150	100	131
6	190	130	149	150	110	126	130	100	117	210	110	153
7	190	130	150	150	110	129	130	110	119	700	100	180
8	260	130	157	190	110	133	140	110	123	3850	110	574
9	200	140	157	150	110	133	140	110	124	8850	200	1790
10	190	150	158	150	120	135	140	110	126	6850	150	1020
11	170	130	150	150	120	133	140	110	127	1000	110	337
12	160	140	146	150	120	134	140	110	126	310	100	181
13	160	120	141	150	130	139	150	120	128	810	100	316
14	150	120	136	150	130	139	140	110	127	1200	110	393
15	290	110	126	150	130	138	160	100	131	340	110	212
16	130	110	123	150	120	138	150	100	114	250	100	169
17	130	110	122	150	120	132	150	110	129	240	100	160
18	130	110	123	140	120	128	150	100	135	210	100	171
19	140	110	124	140	110	124	250	110	156	460	100	252
20	140	120	127	130	110	119	150	100	137	1820	170	510
21	140	120	131	130	110	124	150	110	135	690	180	458
22	140	120	128	130	110	116	210	110	145	3100	180	817
23	140	120	128	120	100	111	610	100	191	6950	210	1470
24	140	110	129	120	100	111	3010	100	448	7450	170	1540
25	140	120	129	130	100	116	5500	110	811	4950	190	1110
26	160	110	131	130	110	118	5410	100	1150	6760	190	1200
27	140	120	130	130	100	117	6150	110	1170	4400	190	971
28	140	110	125	120	100	114	7010	150	1370	1430	170	487
29	---	---	---	120	100	112	1400	110	422	300	170	219
30	---	---	---	120	100	108	410	110	230	320	170	225
31	---	---	---	120	100	108	---	---	---	210	160	184
MONTH	260	110	135	190	100	124	7010	100	285	8850	100	512

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	190	150	169	280	140	183	270	110	158	130	100	108
2	170	150	159	210	130	168	300	110	161	120	100	108
3	---	---	---	1180	130	339	250	110	157	120	100	109
4	---	---	---	810	140	338	410	110	175	120	100	113
5	---	---	---	730	130	205	1210	120	288	130	100	116
6	---	---	---	190	120	145	1060	130	303	120	100	110
7	---	---	---	160	110	132	490	130	212	120	100	111
8	---	---	---	200	110	134	320	120	177	120	100	109
9	---	---	---	200	110	143	230	120	167	110	90	104
10	---	---	---	190	120	145	340	140	213	110	80	94
11	---	---	---	280	120	169	350	130	231	100	80	92
12	---	---	---	170	110	142	420	130	222	110	80	97
13	---	---	---	150	110	135	400	130	219	260	90	129
14	---	---	---	160	110	133	460	130	224	330	90	153
15	---	---	---	200	110	152	1230	130	403	420	100	171
16	---	---	---	210	110	154	720	130	295	460	100	188
17	---	---	---	290	110	160	260	110	153	1460	110	397
18	---	---	---	950	110	291	380	110	167	1170	110	319
19	---	---	---	3260	120	637	980	110	246	200	110	140
20	5810	170	1570	8250	140	1440	940	120	275	150	100	125
21	>10000	180	1100	5480	150	1130	180	120	144	230	100	143
22	8330	190	1410	2660	140	635	150	120	134	350	100	175
23	2650	170	592	1570	140	493	180	110	131	290	110	172
24	890	160	331	1090	150	456	130	120	123	150	110	130
25	460	160	248	810	140	395	130	110	123	140	100	122
26	1820	180	636	360	130	215	130	100	115	150	100	128
27	470	160	262	190	120	155	120	90	105	180	110	138
28	190	150	170	190	110	148	110	90	102	1640	110	398
29	21.5	20.0	21.0	---	---	---	23.5	20.0	22.0	70.5	67.0	68.5
30	21.5	20.0	20.5	---	---	---	22.5	21.0	22.0	69.0	67.0	68.0
31	---	---	---	---	---	---	29.5	20.0	22.5	---	---	---
MONTH	>10000	130	521	8250	110	305	1230	90	185	1640	80	158
YEAR	>10000	80	220									

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC

LOCATION.--Lat 33°46'59", Long 78°47'16", Horry County, Hydrologic Unit 03040206, on pier at east bank of Atlantic Intracoastal Waterway, 50 ft south of Black Creek, 3.5 mi northeast of Myrtle Beach, and at mile 361.8.

DRAINAGE AREA.--Indeterminate

PERIOD OF RECORD.--January 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is 12.07 ft below National Geodetic Vertical Datum of 1929. Gage was located 8 ft closer to the bank prior to Oct. 6, 1982 at same datum. Two auxiliary water-stage recorders, one 9.2 miles upstream at datum 2.603 ft higher (station no. 02110725), and one 14.5 miles downstream at datum 0.430 ft higher (station no. 02110777), are used in conjunction with, or in place of this station for computation of discharges.

REMARKS.--Discharge computed by utilization of the One-Diamential unsteady-flow simulation model. Flow generally reversed as a result of tide and wind effect at both ends of the modeling reach.
Water Year 1983: No estimated daily discharges. Records poor.
Water Year 1984: Records poor. Estimated daily discharge Jun. 11-17, and Jun. 25-Jul. 2.
Water Year 1985: No estimated daily discharges. Records poor.
Water Year 1986: No estimated daily discharges. Records poor.

COOPERATION.--Gage-height record was collected in cooperation with the City of Myrtle Beach and South Carolina Department of Health and Environmental Control.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 7,210 ft^3/s, Apr. 1, 1983, minimum daily discharge, -95 ft^3/s, May. 4, 1985.

EXTREMES FOR CURRENT YEAR.--January to September 1983: maximum daily discharge, 7,210 ft^3/s, Apr. 1; minimum daily discharge, 17 ft^3/s, Sept. 15.
Water Year 1984: maximum daily discharge, 4,110 ft^3/s, Mar 9; minimum daily discharge, 75 ft^3/s, Oct . 5.
Water Year 1985: maximum daily discharge, 2,600 ft^3/s, Feb. 22; maximum daily discharge, -95 ft^3/s, May 4.
Water Year 1986: maximum daily discharge, 2,520 ft^3/s, Dec. 16; maximum daily discharge, -90 ft^3/s, Oct. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1040	1350	4720	7210	2400	958	925	474	235
2				1380	1230	4710	6880	2110	992	870	373	382
3				1730	2170	4420	6950	1820	990	842	251	344
4				1640	1570	4360	6520	1600	817	642	248	219
5				1640	1370	4260	6050	1320	643	511	176	124
6				1660	1380	4040	5610	1180	350	522	173	122
7				1540	1510	4170	5200	1060	472	447	133	230
8				1380	1370	4050	4770	960	600	817	198	235
9				1320	1230	3750	4520	1200	482	854	355	284
10				1450	1030	3650	4170	1490	874	877	389	500
11				1490	2170	3620	3980	1530	1050	892	366	510
12				1220	1810	3450	3520	1240	1370	1020	401	494
13				1160	1630	3050	3490	1040	1740	1000	184	320
14				1340	2110	3170	3490	1360	1520	914	487	278
15				1580	2510	3330	3540	1150	1340	728	382	17
16				1330	2950	2810	3900	1190	1400	666	437	617
17				1260	3340	3280	3650	923	1270	729	476	537
18				1500	3350	5450	3730	1220	999	841	299	597
19				1400	3540	5730	3950	1360	1080	676	321	313
20				1140	3680	5280	4030	1140	852	453	63	398
21				989	3640	5290	3770	916	727	271	360	297
22				825	3760	5460	3830	738	461	169	340	267
23				1470	3830	5110	2750	673	797	142	406	374
24				1180	3800	5100	3820	532	867	468	212	711
25				890	3930	5690	3550	562	798	500	266	597
26				847	4030	5760	3120	818	570	350	440	750
27				665	3790	6200	3270	821	960	592	538	623
28				803	3430	6830	3120	788	896	641	576	538
29				744	---	6940	2920	1090	677	604	513	645
30				952	---	7010	2650	983	758	701	391	515
31				1380	---	7170	---	854	---	578	335	---
TOTAL				38945	71510	147860	127960	36068	27310	20242	10563	12073
MEAN				1256	2554	4770	4265	1163	910	653	341	402
MAX				1730	4030	7170	7210	2400	1740	1020	576	750
MIN				665	1030	2810	2650	532	350	142	63	17

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	605	229	518	1250	2010	2710	2300	2110	597	438	1790	511
2	671	146	507	1510	2120	2650	2800	2020	839	771	1960	578
3	374	151	469	1460	1940	2680	2840	2010	788	626	1850	484
4	103	305	543	1340	1790	2880	2880	2290	891	507	1650	323
5	75	274	457	1310	1970	3250	3850	2010	972	488	1550	202
6	164	651	857	1340	1680	3710	3770	2160	1040	516	1680	166
7	163	503	566	1050	1540	3830	3730	1980	992	401	1650	337
8	577	819	897	1250	1680	4050	3830	1720	917	235	1680	483
9	735	806	937	1200	1730	4110	3950	1580	859	363	1640	590
10	662	1010	1040	1160	1610	3810	4040	1460	809	631	1610	753
11	728	736	989	1150	1440	3760	4000	1470	915	518	1710	1090
12	686	421	1060	992	1200	3590	4100	1310	800	405	1850	579
13	711	493	1170	830	964	3560	3920	1300	700	442	1620	351
14	68.	505	891	814	1120	3630	3750	1240	600	488	1570	574
15	583	420	1200	534	925	3160	3670	1180	525	658	1430	641
16	482	413	1060	654	730	3000	3770	1700	450	473	1270	801
17	505	208	1100	764	845	2620	3840	1660	375	716	1290	920
18	397	377	1130	758	997	2890	3740	2030	286	697	1300	857
19	225	437	1470	990	1130	3170	3570	1910	258	685	1210	837
20	293	376	1810	1340	1350	3160	3670	1610	445	730	1100	664
21	263	448	1660	1790	1370	3910	3550	1420	655	840	946	510
22	387	366	2560	2180	1660	3730	3320	1470	592	830	1150	356
23	514	350	2510	2330	2310	3300	3410	1320	671	837	913	337
24	918	431	2650	2480	2910	2830	3390	948	692	781	712	374
25	582	709	2070	2420	2780	2820	2810	1200	688	740	321	377
26	368	442	1800	2300	2710	2910	2520	936	684	733	427	524
27	789	728	1990	2400	2530	2090	2330	564	704	868	311	545
28	858	666	1880	2430	3380	2220	2020	489	518	779	606	763
29	615	693	1610	2320	3230	3290	1860	700	435	979	696	1070
30	340	454	1480	2100	---	2190	2050	722	361	1170	547	686
31	388	---	1420	2300	---	2110	---	462	---	1620	443	---
TOTAL	15462	14567	40301	46746	51651	97620	99280	44981	20056	20965	38482	17283
MEAN	499	486	1300	1508	1781	3149	3309	1451	669	676	1241	576
MAX	918	1010	2650	2480	3380	4110	4100	2290	1040	1620	1960	1090
MIN	75	146	457	534	730	2090	1860	462	258	235	311	166

CAL YR 1983 TOTAL 562861 MEAN 1542 MAX 7210 MIN 17
WTR YR 1984 TOTAL 507394 MEAN 1386 MAX 4110 MIN 75

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC—Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1070	438	535	373	576	1860	466	372	339	192	997	1760
2	1090	593	475	307	507	1770	132	132	107	118	755	2120
3	734	325	577	264	308	1270	128	103	.00	196	1100	2130
4	901	492	383	367	557	1380	237	-95	.00	725	1400	2110
5	717	752	152	453	642	1470	289	300	500	489	1590	2050
6	545	548	817	309	1300	905	487	443	715	541	1590	1860
7	615	315	157	727	1070	1160	431	439	524	426	1660	1720
8	875	388	389	488	1330	1450	549	481	807	347	1600	1560
9	802	398	494	692	1350	1300	568	609	630	380	1800	1650
10	806	414	501	925	1370	1380	574	761	543	365	1700	1560
11	708	733	503	1080	1240	1340	726	557	572	191	1470	1160
12	803	475	554	1030	1740	1310	652	475	482	341	1400	822
13	748	692	767	1010	1520	920	408	416	460	348	1310	1290
14	640	443	782	964	1670	966	486	270	571	344	986	1100
15	556	549	580	732	1870	808	483	137	669	107	836	895
16	864	476	485	435	2000	784	303	214	616	139	701	1030
17	921	332	485	555	2170	715	131	382	188	47	609	1040
18	693	303	386	300	2210	786	559	309	301	266	724	1050
19	451	331	259	496	2250	481	486	471	184	480	751	1050
20	333	-35	184	494	2300	525	425	615	295	537	861	990
21	272	119	216	476	2430	363	376	606	444	500	1110	752
22	292	168	400	446	2600	725	406	604	517	526	1040	723
23	217	325	191	459	2370	922	407	697	571	377	1060	645
24	168	492	542	583	2430	682	368	578	523	508	1030	209
25	130	655	711	585	2210	536	454	426	538	1190	1060	-31
26	391	580	555	459	2100	742	469	603	163	867	1060	278
27	647	531	661	556	1920	987	612	692	16	626	986	709
28	790	523	589	460	1770	888	427	485	257	586	1020	455
29	870	459	559	656	---	774	229	326	209	815	1040	529
30	632	432	528	689	---	701	451	75	449	902	1520	622
31	532	---	350	692	---	588	---	386	---	880	1750	---
TOTAL	19815	13246	14767	18062	45810	30488	12719	12869	12190.00	13956	36516	33738
MEAN	639	442	476	583	1636	983	424	415	406	450	1178	1125
MAX	1090	752	817	1080	2600	1860	726	761	807	1190	1800	2130
MIN	130	-35	152	264	308	363	128	-95	.00	47	609	-31

CAL YR 1984 TOTAL 484892.00 MEAN 1325 MAX 4110 MIN -35
WTR YR 1985 TOTAL 264176.00 MEAN 724 MAX 2600 MIN -95

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	536	598	1340	772	976	951	1420	516	536	209	260	798
2	457	804	2100	852	912	983	1080	248	392	322	191	1020
3	401	694	1680	961	657	868	861	181	8.0	2.0	271	783
4	207	1210	2120	623	523	593	862	333	643	299	114	699
5	345	1040	2110	746	426	508	749	314	471	832	39	762
6	168	706	2210	423	350	507	649	155	452	596	322	805
7	379	598	1710	391	484	351	517	28	476	513	372	911
8	483	530	1650	500	259	332	339	-75	512	366	347	1030
9	554	397	1970	470	573	537	489	167	307	426	252	1020
10	499	718	1870	365	635	592	547	659	336	265	254	1070
11	297	734	1800	358	1010	473	507	554	548	612	386	761
12	-90	593	1880	761	766	366	619	380	507	670	439	519
13	345	578	2170	726	928	593	585	315	412	613	425	322
14	469	647	2400	683	810	846	577	481	326	512	287	325
15	482	801	2120	442	906	987	743	460	390	415	156	284
16	482	838	2520	844	1040	919	506	475	475	351	299	244
17	476	1090	2350	803	1050	1000	581	367	271	278	706	65
18	552	802	2080	678	949	1120	434	185	171	113	305	612
19	873	877	1820	596	689	1530	343	98	138	20	150	592
20	629	790	1730	382	578	1300	265	-66	82	66	564	481
21	402	687	1590	363	734	1070	285	.00	57	334	878	331
22	387	939	1420	425	550	1110	82	-25	504	442	865	358
23	269	635	1260	394	603	1020	102	100	607	404	923	499
24	354	983	1100	428	627	1010	77	313	551	380	1130	669
25	392	1160	1170	577	744	955	152	234	412	410	1250	495
26	258	1230	918	892	490	1110	306	545	510	636	1430	365
27	720	1210	1030	878	891	1140	411	644	849	432	1300	294
28	678	1070	920	395	809	1180	657	651	666	363	1110	150
29	530	1110	915	730	---	1580	546	497	424	286	699	326
30	701	1250	872	774	---	1550	444	473	340	260	918	294
31	749	---	883	952	---	1490	---	534	---	324	1280	---
TOTAL	13984	25319	51708	19184	19969	28571	15735	9741.00	12373.0	11751.0	17922	16884
MEAN	451	844	1668	619	713	922	525	314	412	379	578	563
MAX	873	1250	2520	961	1050	1580	1420	659	849	832	1430	1070
MIN	-90	397	872	358	259	332	77	-75	8.0	2.0	39	65

CAL YR 1985 TOTAL 307359.00 MEAN 842 MAX 2600 MIN -95
WTR YR 1986 TOTAL 243141.00 MEAN 666 MAX 2520 MIN -90

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

LOCATION.--Lat 33°38'56", long 79°05'40", Horry County, Hydrologic Unit 03040206, on right bank at Bucksport Plantation Marina 1.0 mi southwest of Bucksport, 3.9 mi upstream from Bull Creek and at mile 377.4.

PERIOD OF RECORD.--October 1983 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens Jun. 2, 1985; minimum, 40 microsiemens many days each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 150 microsiemens Jun. 17, 19-23; minimum, 60 microsiemens many days Jul., Aug. and Sept.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	90	94	100	90	97	100	80	86	100	90	97
2	100	80	91	100	90	97	100	80	86	100	90	97
3	100	80	90	100	90	98	110	80	89	110	90	97
4	100	80	89	100	90	95	90	80	83	110	90	99
5	100	80	88	100	90	91	90	70	79	100	90	99
6	110	80	90	100	90	91	80	70	78	110	90	100
7	110	90	96	100	90	91	80	70	76	110	90	101
8	110	90	101	100	90	92	80	70	75	110	90	101
9	120	100	106	100	80	89	80	70	75	110	90	100
10	120	100	109	90	80	88	80	70	75	110	90	98
11	110	100	108	100	80	90	80	70	75	100	90	95
12	110	100	107	100	90	94	80	70	75	100	80	92
13	110	90	102	100	90	94	90	70	76	110	90	97
14	110	90	100	100	90	95	90	70	94	110	90	101
15	100	90	99	100	90	94	90	70	91	110	90	102
16	110	90	100	100	90	95	100	80	88	110	90	98
17	110	90	100	100	90	95	110	80	98	110	90	98
18	110	100	101	100	90	95	110	90	99	110	90	99
19	110	100	104	100	90	95	110	90	101	110	90	98
20	110	100	102	100	90	96	110	90	99	110	90	97
21	110	100	102	100	90	95	110	90	99	110	90	96
22	110	100	103	100	90	95	110	90	97	110	90	95
23	110	100	104	100	90	94	110	90	99	110	90	96
24	110	100	105	100	90	93	110	90	100	110	90	97
25	110	100	104	100	90	94	110	90	100	100	90	95
26	110	100	104	100	90	95	110	90	100	100	90	95
27	110	100	105	110	90	100	110	90	99	100	90	96
28	110	100	103	120	90	101	110	90	99	110	90	98
29	110	90	99	110	80	98	100	90	97	110	100	104
30	100	90	97	110	80	92	110	80	96	110	100	105
31	100	90	96	---	---	---	100	90	96	110	100	105
MONTH	120	80	100	120	80	94	110	70	90	110	80	98

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	110	100	105				---	---	---	110	90	100
2	110	100	105				---	---	---	100	90	99
3	110	100	105				---	---	---	110	90	100
4	110	100	105				---	---	---	120	90	104
5	110	100	107				---	---	---	110	90	104
6	110	100	105				---	---	---	110	100	106
7	110	100	104				---	---	---	110	100	106
8	110	90	103				---	---	---	110	100	105
9	110	90	101				---	---	---	120	100	109
10	110	90	101				---	---	---	120	110	115
11	110	90	100				---	---	---	120	110	115
12	110	100	100				---	---	---	120	100	113
13	110	100	101				---	---	---	120	110	114
14	110	90	100				---	---	---	120	100	110
15	110	100	101				---	---	---	120	100	113
16	110	100	100				---	---	---	120	100	110
17	110	90	100				90	80	89	120	100	110
18	110	90	100				90	80	88	120	100	111
19	110	90	100				110	80	94	120	110	113
20	110	90	100				100	80	97	120	110	115
21	100	90	98				100	90	96	120	110	115
22	100	90	99				100	90	92	120	100	114
23	100	90	96				100	80	91	130	110	116
24	100	90	96				100	80	90	130	110	121
25	100	90	98				100	90	95	130	110	119
26	130	90	101				110	90	95	120	100	116
27	---	---	---				100	90	97	120	100	113
28	---	---	---				110	90	98	120	100	112
29	---	---	---				100	90	98	110	100	110
30	---	---	---				110	90	98	120	100	109
31	---	---	---				---	---	---	120	100	111
MONTH	130	90	101				110	80	94	130	90	111

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	100	110	120	80	97	90	70	75	70	60	61
2	120	100	109	130	80	98	100	70	77	70	60	62
3	120	100	110	110	70	82	80	70	76	70	60	63
4	120	100	110	110	70	93	80	70	73	70	60	63
5	110	100	109	110	80	94	80	70	76	70	60	64
6	110	110	110	90	70	79	90	70	78	70	60	65
7	120	100	109	110	70	82	100	70	82	70	60	66
8	120	110	115	80	70	79	100	70	78	80	60	68
9	130	110	116	80	70	76	80	70	77	70	60	68
10	120	110	117	80	70	75	80	70	77	70	60	69
11	120	110	118	80	70	76	90	70	78	80	70	73
12	130	110	120	80	70	75	90	70	78	80	70	72
13	130	110	119	80	70	74	80	70	78	80	70	75
14	130	110	121	80	70	72	100	70	78	90	70	76
15	140	110	124	80	60	71	100	70	81	90	70	78
16	140	110	124	70	60	69	120	70	83	90	70	78
17	150	120	127	70	60	68	100	80	88	90	70	79
18	140	110	127	80	60	68	90	70	82	90	70	81
19	150	120	133	80	60	70	90	70	81	90	70	78
20	150	110	132	80	60	70	90	70	79	80	70	77
21	150	110	128	80	70	73	80	70	79	80	70	76
22	150	110	128	80	70	73	80	70	79	80	70	75
23	150	100	124	80	70	73	90	70	80	90	70	82
24	140	100	120	80	70	73	90	70	80	90	80	81
25	130	90	106	80	70	72	80	70	78	90	70	79
26	130	90	105	80	60	70	80	70	79	90	70	81
27	140	90	110	80	60	69	80	70	77	90	70	81
28	130	90	100	80	60	71	80	60	73	110	80	87
29	120	90	96	80	60	69	80	60	70	110	80	99
30	90	80	87	80	60	73	80	60	68	110	90	96
31	---	---	---	90	60	74	70	60	63	---	---	---
MONTH	150	80	115	130	60	76	120	60	77	110	60	75
YEAR	150	60	94									

02125390 WHITES CREEK NEAR WALLACE, SC

LOCATION.--Lat 34°45'20", long 79°53'00", Marlboro County, Hydrologic Unit 03040201, on the upstream of the U.S. Highway 1 bridge, 100 ft downstream from lake spillway, and 3.0 miles northwest of Wallace.

DRAINAGE AREA.--26.4 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Sept. 17-23, which are poor.

AVERAGE DISCHARGE.--7 years, 29.5 ft³/s, 15.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 608 ft³/s, Mar. 18, 1983, gage height, 6.45 ft; minimum, 0.04 ft³/s, Oct. 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 277 ft³/s, Dec. 1, gage height, 4.62 ft; minimum, 0.23 ft³/s, July 22, 23 gage height, 1.04 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.0	20	253	26	22	23	17	6.8	7.6	30	.37	4.7
2	7.9	39	191	25	21	23	17	5.9	5.7	6.8	.38	4.7
3	8.5	45	113	26	20	21	16	5.0	6.4	4.8	1.2	4.6
4	22	63	82	25	20	20	15	4.4	6.6	6.7	1.9	4.6
5	31	59	66	23	20	19	13	4.2	6.1	5.6	2.1	6.4
6	72	88	57	21	20	18	13	4.1	5.4	3.7	2.7	8.8
7	45	68	53	21	21	18	13	4.0	4.4	2.6	2.8	8.1
8	20	38	49	20	21	17	13	4.1	3.9	1.8	2.6	8.8
9	13	26	46	19	21	17	13	4.0	3.3	1.7	2.4	18
10	10	23	44	20	20	17	13	3.5	2.6	1.1	2.2	16
11	10	21	42	20	35	17	13	3.3	2.4	1.2	2.1	16
12	10	22	40	20	43	17	13	3.4	2.3	.53	5.4	14
13	11	29	54	20	50	20	11	3.4	2.2	.34	10	9.5
14	11	32	68	19	37	47	11	3.7	2.1	.33	19	6.8
15	11	34	75	18	26	74	11	3.7	2.1	.32	16	6.0
16	10	32	56	18	23	80	11	4.7	2.1	.37	13	5.8
17	9.9	25	40	19	23	51	9.9	5.6	2.1	.37	9.1	5.2
18	9.7	23	36	19	22	33	9.8	4.8	2.2	.31	8.5	4.8
19	9.9	24	33	23	21	29	9.6	5.0	2.2	.28	18	4.2
20	10	29	32	25	23	35	9.1	7.5	2.3	.28	35	3.8
21	13	60	30	26	23	40	9.5	8.5	2.3	.27	56	3.6
22	26	104	29	24	23	43	8.8	13	2.3	.24	70	3.4
23	38	165	29	20	21	36	8.9	8.9	2.4	.24	53	3.0
24	53	151	29	18	20	28	9.0	5.5	2.4	.27	16	2.6
25	43	100	29	18	18	25	7.8	4.0	3.4	.27	9.9	2.5
26	28	67	26	31	18	23	6.8	4.8	7.9	.27	6.5	2.7
27	20	53	25	44	19	22	7.4	11	7.7	.30	5.3	2.7
28	18	46	25	53	21	21	7.0	41	7.5	.30	4.9	2.7
29	16	62	26	39	---	20	6.8	29	7.3	.31	4.8	2.6
30	15	137	26	27	---	19	7.0	19	6.8	.47	4.8	2.5
31	16	---	25	23	---	18	---	12	---	.36	4.8	---
TOTAL	625.9	1685	1729	750	672	891	330.4	247.8	124.0	72.43	390.75	189.1
MEAN	20.2	56.2	55.8	24.2	24.0	28.7	11.0	7.99	4.13	2.34	12.6	6.30
MAX	72	165	253	53	50	80	17	41	7.9	30	70	18
MIN	7.9	20	25	18	18	17	6.8	3.3	2.1	.24	.37	2.5

CAL YR 1985	TOTAL	11955.0	MEAN	32.8	MAX	298	MIN	3.5
WTR YR 1986	TOTAL	7707.38	MEAN	21.1	MAX	253	MIN	.24

02130900 BLACK CREEK NEAR MCBEE, SC

LOCATION.--Lat 34°30'50", long 80°11'00", Chesterfield County, Hydrologic Unit 03040201, near right bank at downstream side of bridge on U.S. Highway 1, 0.2 mi upstream from Little Alligator Creek, 5.8 mi northeast of McBee, and at mile 59.1.

DRAINAGE AREA.--108 mi².

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1956-59.

GAGE.--Water-stage recorder. Datum of gage is 224.72 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 22, 1959, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharge. Records good.

AVERAGE DISCHARGE.--27 years, 160 ft³/s, 20.12 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,770 ft³/s, Jul. 16, 1975, gage height, 11.29 ft; minimum 17 ft³/s June 29, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 23	1500	*440	*8.85				

Minimum discharge, 18 ft³/s Jul. 13-15, 20-22, minimum gage height, 2.95 ft. Jul. 14, 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	87	281	122	117	107	95	53	44	22	23	53
2	43	111	335	127	111	107	92	52	41	25	22	52
3	47	127	382	127	107	100	92	52	42	32	28	52
4	71	150	321	125	105	92	90	48	37	31	51	53
5	98	155	258	122	100	102	88	46	35	28	42	56
6	113	147	209	121	98	115	85	45	33	26	135	74
7	101	124	176	119	104	116	82	45	32	24	133	86
8	77	94	164	116	109	108	79	48	30	23	72	78
9	64	81	158	115	106	91	79	45	29	21	49	66
10	60	76	153	115	102	84	79	43	31	20	40	59
11	58	75	149	115	124	83	76	41	30	20	38	61
12	58	76	147	114	151	82	74	40	28	20	122	57
13	56	92	156	115	158	81	71	40	27	19	114	49
14	55	99	168	114	151	142	69	43	25	18	76	44
15	52	102	168	111	126	190	69	45	25	19	59	40
16	50	98	174	110	112	209	70	46	35	20	49	39
17	51	88	164	108	108	258	70	45	38	23	41	38
18	53	85	147	107	104	229	66	43	34	22	40	34
19	51	82	139	117	97	165	63	46	30	20	106	33
20	50	94	137	130	101	161	62	94	28	19	239	33
21	107	198	138	139	111	168	66	96	27	18	296	32
22	132	307	136	138	114	169	67	77	26	21	226	31
23	143	425	136	123	105	165	64	57	25	21	183	30
24	155	413	136	104	95	144	62	48	25	20	148	30
25	163	380	135	102	92	132	59	44	24	21	112	30
26	130	313	132	126	89	123	59	51	24	23	77	29
27	95	252	131	150	87	115	70	63	25	26	62	28
28	79	182	130	158	94	110	70	80	25	47	52	27
29	70	165	128	158	---	105	68	79	24	35	48	27
30	65	227	125	139	---	101	58	62	23	30	45	26
31	66	---	120	125	---	98	---	52	---	26	48	---
TOTAL	2456	4905	5433	3812	3078	4052	2194	1669	902	740	2776	1347
MEAN	79.2	164	175	123	110	131	73.1	53.8	30.1	23.9	89.5	44.9
MAX	163	425	382	158	158	258	95	96	44	47	296	86
MIN	43	75	120	102	87	81	58	40	23	18	22	26

CAL YR 1985	TOTAL	43658	MEAN	120	MAX	486	MIN	23
WTR YR 1986	TOTAL	33364	MEAN	91.4	MAX	425	MIN	18

02130910 BLACK CREEK NEAR HARTSVILLE, SC

LOCATION.--Lat 34°23'50", long 80°09'00", Darlington County, Hydrologic Unit 03040201, at downstream side of bridge on State road 23, 1,000 ft downstream from dam at H. B. Robinson steam electric plant, 2.1 mi upstream from Beaverdam Creek, 4.6 mi west of Hartsville, and at mile 49.9.

DRAINAGE AREA.--173 mi².

PERIOD OR RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 177.40 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges, Dec. 1 to Dec 9, which are poor. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--26 years, 220 ft³/s, 17.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft³/s, Aug. 18, 1971, gage height, 10.08 ft; minimum, 32 ft³/s July 2, 3, 1981, gage height, 1.22 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 481 ft³/s Nov. 22, gage height, 7.11 ft; minimum, 37 ft³/s July 13 gage height, 1.12 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	137	260	169	184	165	163	96	91	69	47	121
2	81	152	283	165	180	161	158	95	93	67	46	117
3	85	160	321	164	177	160	154	92	97	67	58	113
4	105	178	380	165	173	160	149	86	96	61	81	111
5	112	182	360	167	171	169	146	81	92	56	80	113
6	115	181	320	160	172	167	142	80	94	55	82	116
7	116	178	260	160	172	169	139	80	96	54	95	117
8	117	174	240	158	173	166	137	82	91	43	100	118
9	112	162	220	154	171	162	138	79	90	38	96	115
10	109	174	216	153	172	159	123	77	67	41	90	112
11	108	152	213	155	183	157	116	73	65	41	86	109
12	107	147	214	149	185	155	115	85	67	38	171	106
13	107	150	220	153	190	152	114	106	76	38	197	105
14	103	149	225	149	190	181	112	108	75	37	195	98
15	101	149	217	150	196	202	105	106	81	38	187	94
16	102	147	216	149	189	220	112	103	85	40	162	91
17	102	145	217	150	184	236	108	105	84	41	143	88
18	98	143	215	152	182	254	106	103	82	42	136	83
19	97	141	208	158	179	282	100	102	77	43	146	79
20	96	146	198	164	178	309	97	89	75	42	174	78
21	112	230	192	163	176	296	97	84	74	41	225	77
22	132	411	185	165	179	275	101	94	71	41	252	74
23	146	466	181	170	178	257	98	92	68	40	259	70
24	153	466	180	164	172	250	95	91	67	41	249	67
25	160	463	182	162	172	236	93	94	67	42	228	65
26	165	460	172	171	158	223	96	100	62	44	202	64
27	160	370	168	180	159	211	104	98	54	44	178	62
28	153	314	169	180	162	203	102	99	51	46	161	61
29	144	211	172	184	---	186	105	100	51	48	146	58
30	132	248	170	191	---	177	100	98	53	50	131	55
31	128	---	166	187	---	169	---	96	---	48	126	---
TOTAL	3639	6786	6940	5061	4957	6267	3525	2874	2292	1436	4529	2737
MEAN	117	226	224	163	177	202	118	92.7	76.4	46.3	146	91.2
MAX	165	466	380	191	196	309	163	108	97	69	259	121
MIN	81	137	166	149	158	152	93	73	51	37	46	55

CAL YR 1985	TOTAL	62136	MEAN	170	MAX	541	MIN	66
WTR YR 1986	TOTAL	51043	MEAN	140	MAX	466	MIN	37

02131000 PEE DEE RIVER AT PEEDEE, SC
(National stream-quality accounting network station and radiochemical program station)

LOCATION.--Lat 34°12'15", long 79°32'55", Marion County, Hydrologic Unit 03040201, at downstream side of downstream bridge on U.S. Highway 76 at Peedee, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, 0.2 mi downstream from Black Creek, and at mile 100.2.

DRAINAGE AREA.--8,830 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1947, published as "near Mars Bluff." Gage-height records collected at practically same site since 1923 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 24.73 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1947, at site 1.6 mi downstream at datum 1.27 ft lower.

REMARKS.--Estimated daily discharges: Oct. 13-23, and May 13-15. Records fair. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft³.

AVERAGE DISCHARGE.--48 years, 9,803 ft³/s, 15.08 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 220,000 ft³/s, Sept. 22, 1945, gage height, 33.30 ft (site and datum then in use) from rating curve extended above 76,000 ft³/s on basis of discharge measurement of 221,000 ft³/s at Cheraw; minimum, 629 ft³/s, June 26, 1984, gage height, 0.37 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 30,900 ft³/s, Nov. 28, gage height, 21.99 ft; minimum, 1,020 ft³/s, Jul. 15, gage height, 0.80 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1570	7990	24500	7350	6910	8140	4150	4720	4410	1290	1760	2620
2	1400	9590	26300	6610	5870	7970	5580	4380	2480	3140	2430	2250
3	1370	9540	25800	5020	4060	5130	7080	3670	1850	3900	2610	2250
4	1360	8500	27700	6260	3800	3790	7480	4060	3890	4050	3180	3240
5	1540	7350	28800	5510	6060	6370	7290	2470	3910	3040	6680	4050
6	4130	8920	27900	4870	6870	6700	6180	2470	4150	2680	4140	3740
7	5850	10800	25400	7340	6940	7090	3780	5390	3510	2920	1820	4350
8	4760	11800	22500	5730	7140	7100	5930	6380	2830	1870	1720	3370
9	5550	11800	20200	5110	6250	7930	7240	5690	1860	2720	3050	3080
10	5580	10700	18300	6350	3920	5450	6340	4010	1550	2290	3650	2800
11	5340	8890	16800	6420	3990	4070	5390	2550	3650	2230	2130	3540
12	5250	8930	15800	5200	7090	5960	3460	1700	2750	2430	1400	3270
13	3600	8950	15200	4080	8350	6660	3060	1600	3580	2220	2940	3720
14	3700	8680	14800	4390	8610	6840	2910	1600	4190	1480	5530	2210
15	3800	8540	14600	7090	8680	9870	3980	1600	3350	1090	7890	1610
16	3900	8450	14500	7490	8090	12500	5690	2450	1920	1570	6360	1510
17	4000	8660	14400	7450	5640	13300	5080	3200	1340	1470	4640	2940
18	4000	9110	14100	5160	4520	13000	3720	3280	2320	2690	2840	3340
19	4200	8890	13700	4920	6370	11000	4060	2410	3470	4730	3010	2800
20	4400	8630	13500	3880	7970	10500	3480	1780	4010	4610	10600	3870
21	4600	9100	13200	5010	8320	12200	3200	4010	2940	2410	15400	3370
22	4800	12100	12900	8830	8040	13500	2750	5620	3410	1380	17700	3320
23	5000	17200	12600	7330	7360	14700	3430	4660	2030	1200	17800	2450
24	6140	19900	12100	7190	5150	14800	4490	3160	1300	1330	15100	2650
25	8170	22600	11200	7470	4520	14400	4460	3690	2850	1580	11300	2250
26	9130	26500	9150	8880	6030	13900	4210	2210	3200	2870	8060	3360
27	8350	29700	9180	10500	9130	13200	4340	1670	2940	3280	7120	2550
28	5340	30700	9800	11300	8890	11200	2610	2160	2500	2010	5820	1670
29	3140	29100	6850	10600	---	9020	1990	4510	2980	2010	5080	1250
30	4410	26700	4370	8420	---	7850	4430	4430	1790	3020	4290	1200
31	4060	---	5200	6760	---	5530	---	4810	---	3210	2780	---
TOTAL	138440	408200	499350	208600	186570	289270	138030	105930	86530	76720	188830	86430
MEAN	4466	13610	16110	6729	6663	9331	4601	3417	2884	2475	6091	2881
MAX	9130	30700	28800	11300	9130	14800	7480	6380	4410	4730	17800	3270
MIN	1360	7350	4370	3880	3800	3790	1990	1600	1300	1090	1400	1200

CAL YR 1985 TOTAL 3287140 MEAN 9006 MAX 30700 MIN 1360
WTR YR 1986 TOTAL 2412980 MEAN 6611 MAX 30700 MIN 1090

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1948 to September 1949, October 1961 to August 1974, October 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
08...	0800	11800	112	7.00	16.0	8.0	768	8.6	86	260	K110	28
JAN												
15...	0920	6980	85	7.20	5.0	14	782	11.9	91	110	K25	22
MAR												
12...	1800	64	97	7.60	14.5	12	772	10.1	98	K25	K15	20
MAY												
14...	1730	1670	110	6.80	24.5	8.6	773	7.6	90	K50	K95	21
JUL												
31...	1500	3190	109	3.10	31.5	--	769	7.3	98	120	430	--
SEP												
09...	0930	3180	94	7.30	24.0	12	779	6.7	78	3300	160	19

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
08...	8	6.4	2.8	14	49	1	3.7	23	12	12	.10	11
JAN												
15...	5	5.1	2.2	9.8	46	.9	2.6	19	10	8.6	<.10	11
MAR												
12...	0	4.8	2.0	10	49	1	2.2	23	9.8	9.0	.20	5.2
MAY												
14...	0	4.6	2.3	14	56	1	2.6	29	12	10	.20	8.7
SEP												
09...	0	4.2	2.1	10	49	1	2.8	22	11	9.2	.10	9.5

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
08...	86	78	.12	2740	.66	.040	.05	.40	.120	.37	.090
JAN											
15...	61	59	.08	1150	.64	.030	.04	.50	.080	.25	.030
MAR											
12...	57	56	.08	9.8	.47	.100	.13	.40	.060	--	.040
MAY											
14...	77	67	.10	347	.45	<.010	--	.60	.050	--	.090
JUL											
31...	--	--	--	--	<.10	.020	.03	.50	.100	--	.090
SEP											
09...	88	60	.12	756	.42	.070	.09	.60	.100	--	.070

BEST COPY AVAILABLE

02131000 PEE DEE RIVER AT PEEDEE, S C--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV 08...	.110	.34	60	<1	7	.6	2	<1	<3	20	280
JAN 15...	.030	.09	<10	<1	17	<.5	<1	1	<3	1	46
MAR 12...	.050	.15	--	--	--	--	--	--	--	--	--
MAY 14...	.040	.12	40	<1	13	<.5	<1	<1	<3	11	390
JUL 31...	.030	.09	--	--	--	--	--	--	--	--	--
SEP 09...	.040	.12	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 08...	4	<4	3	.1	<10	12	<1	<1	32	<6	20
JAN 15...	1	<4	16	.1	<10	<1	<1	<1	41	<6	<3
MAY 14...	3	<4	39	.1	<10	2	<1	<1	45	<6	5

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 08...	35	1110	69	<.4	.6	3.6	1.0	3.2	1.0	.03	<.03
JAN 15...	18	345	82	--	--	--	--	--	--	--	--
MAR 12...	22	3.8	61	--	--	--	--	--	--	--	--
MAY 14...	25	113	57	--	--	--	--	--	--	--	--
JUL 31...	30	258	47	--	--	--	--	--	--	--	--
SEP 09...	22	189	75	--	--	--	--	--	--	--	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02131150 CATFISH CANAL AT SELLERS, SC

LOCATION.--Lat 34°17'04", long 79°26'32", Marion County, Hydrologic Unit 03040201, on right downstream wingwall of culvert on State Highway 38, 2.0 mi east of Sellers, 2.3 mi upstream from Stackhouse Creek, and at mile 25.6.

DRAINAGE AREA.--27.4 mi².

PERIOD OF RECORD.--November 1966 to current year.

REVISED RECORDS.--WRD SC-77: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 75 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair.

AVERAGE DISCHARGE.--19 years, 27.7 ft³/s. 13.73 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 890 ft³/s, Mar. 4, 1971, gage height, 9.15 ft; no flow for several days in 1978, 1983, and 1984.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base discharge of 250 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 30	1900	*274	*6.06

Minimum discharge, 0.61 ft³/s, June 30; gage height, 0.51 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	26	218	18	18	12	21	4.3	2.5	3.6	3.6	19
2	4.5	101	157	17	17	11	19	4.1	2.1	49	4.1	15
3	4.4	78	106	17	17	11	19	3.8	1.9	18	5.1	14
4	5.2	187	70	17	16	11	17	3.6	1.8	12	30	11
5	5.3	159	55	17	16	12	17	3.5	1.7	8.8	17	10
6	4.5	117	47	17	16	12	15	3.3	1.6	7.0	12	16
7	4.0	83	40	16	18	11	15	3.4	1.5	5.8	9.4	14
8	3.7	39	35	15	17	10	14	3.0	1.5	4.8	7.9	11
9	3.3	45	32	15	16	10	14	2.9	1.6	4.1	6.3	9.0
10	3.3	39	29	15	15	10	12	2.8	1.5	3.4	5.1	8.4
11	3.7	32	27	15	29	9.9	11	2.7	1.3	3.1	4.0	7.3
12	3.8	30	27	15	29	9.7	10	2.7	1.3	2.9	3.9	6.8
13	4.0	48	47	15	24	9.8	9.7	2.6	1.3	2.4	4.8	6.6
14	3.7	60	30	14	21	86	9.0	2.6	1.2	2.0	6.7	5.6
15	3.4	47	36	14	21	89	8.5	2.7	1.1	2.3	8.9	4.7
16	3.8	39	31	14	19	59	8.2	2.9	2.8	4.6	7.4	5.0
17	3.8	31	28	14	18	43	7.6	2.3	2.6	7.1	5.9	4.0
18	3.3	29	28	14	17	34	7.4	2.1	1.9	3.8	5.7	3.3
19	3.0	26	26	15	17	45	7.1	2.4	1.4	2.8	30	3.0
20	2.7	26	23	16	17	157	6.7	4.5	1.5	2.2	88	2.7
21	2.6	49	22	15	17	146	7.1	3.2	3.5	4.8	43	2.4
22	3.0	101	21	14	15	104	7.0	2.7	1.9	15	25	2.1
23	3.3	160	21	14	15	75	6.3	2.4	1.5	8.2	21	2.2
24	3.3	120	21	13	14	61	6.8	2.2	1.3	5.9	18	1.9
25	3.2	91	21	13	14	49	6.2	2.1	1.1	5.2	15	1.6
26	2.6	89	19	21	13	41	5.8	2.3	.98	6.5	12	1.5
27	2.4	104	19	29	13	36	5.5	2.3	.97	7.1	11	1.3
28	2.4	89	19	23	13	31	5.3	2.3	.94	7.5	10	1.5
29	2.6	72	20	21	---	27	5.1	2.1	.81	6.1	9.2	2.4
30	2.7	216	19	20	---	25	4.6	1.9	.76	4.7	10	1.7
31	2.7	---	18	18	---	23	---	2.7	---	3.6	24	---
TOTAL	108.9	2350	1332	511	492	1270.4	307.9	88.4	47.86	226.3	464.0	195.0
MEAN	3.51	78.3	43.0	16.5	17.6	41.0	10.3	2.85	1.60	7.30	15.0	6.50
MAX	5.3	216	218	29	29	157	21	4.5	3.5	49	88	19
MIN	2.4	26	18	13	13	9.7	4.6	1.9	.76	2.0	3.6	1.3

CAL YR 1985 TOTAL 9680.93 MEAN 26.5 MAX 218 MIN .85
WTR YR 1986 TOTAL 7393.76 MEAN 20.3 MAX 218 MIN .76

02131309 FORK CREEK AT JEFFERSON, SC

LOCATION.--Lat 34°38'19", long 80°23'20", Chesterfield County, Hydrologic Unit 03040202, on upstream side, at center of span on State Highway 151 bridge, 1.0 mi south of intersection of State Highways 765 and 151, at Jefferson.

DRAINAGE AREA.--24.3 mi².

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Datum of gage is 302.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--10 years, 23.5 ft³/s, 13.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 ft³/s, Feb. 24, 1979, gage height, 7.89 ft; no flow for many days in August, September and October, 1983, and June, July, and August, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 30	1530	*194	*4.00	No other peak greater than base discharge.			

Minimum daily, no flow for many days in June, July, and August.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	19	101	20	14	14	10	2.9	1.6	.00	.00	1.9
2	3.2	26	65	20	13	14	10	2.4	1.2	.00	.00	2.3
3	4.2	25	46	19	13	13	9.8	2.3	.96	.00	.00	2.0
4	17	25	40	18	13	11	9.4	2.2	1.1	.00	.00	3.1
5	16	19	37	17	13	18	8.9	2.2	.68	.00	.87	10
6	8.3	13	36	15	15	15	8.9	2.2	.71	.00	3.4	9.7
7	6.2	14	33	17	17	12	8.2	2.7	.52	.00	.74	5.1
8	5.0	12	35	15	14	11	7.8	2.0	.41	.00	.33	3.3
9	4.5	11	32	14	13	12	8.8	1.6	.23	.00	.04	4.1
10	4.1	11	31	14	13	11	7.6	1.5	.17	.00	.39	5.3
11	6.3	11	31	15	32	12	7.3	3.2	.22	.00	.06	3.8
12	4.2	22	32	14	23	11	6.9	2.0	.19	.00	6.2	3.1
13	4.5	27	50	21	17	12	6.7	1.8	.20	.00	13	2.5
14	4.2	20	43	13	15	53	6.6	2.8	.17	.00	5.1	1.6
15	3.9	17	34	13	15	37	6.4	2.9	.05	.00	2.3	1.3
16	3.9	16	31	15	13	22	6.6	2.2	.15	.00	1.4	1.2
17	4.8	15	29	14	13	18	6.4	1.6	.33	.00	1.1	1.2
18	4.8	15	27	15	13	16	6.4	1.4	.03	.00	1.0	.99
19	4.6	14	25	25	14	18	5.7	4.4	.00	.00	1.5	.96
20	6.3	30	25	21	21	29	6.3	9.8	.00	.00	21	.94
21	25	44	24	16	17	26	6.4	6.0	.00	.00	12	.90
22	39	102	23	14	14	19	5.9	3.6	.00	.00	5.7	1.5
23	27	73	24	14	13	18	5.0	2.3	.06	.00	4.3	.08
24	17	40	23	13	12	16	4.9	1.9	.00	.00	3.8	.27
25	13	34	22	14	12	14	4.9	1.5	.00	.04	2.5	1.3
26	10	32	19	31	11	13	5.3	5.3	.00	.01	1.8	.78
27	8.7	30	20	29	13	13	4.9	9.1	.00	.04	1.4	.23
28	8.3	29	21	19	16	12	6.1	9.1	.00	.14	1.2	.16
29	7.3	44	21	17	---	12	4.6	5.3	.00	.05	1.2	.36
30	8.3	135	20	17	---	11	3.5	3.3	.00	.00	1.1	.08
31	12	---	19	16	---	11	---	2.8	---	.00	1.3	---
TOTAL	294.8	927	1017	535	422	524	206.2	104.5	8.98	.28	94.73	70.05
MEAN	9.51	30.9	32.8	17.3	15.1	16.9	6.87	3.37	.30	.01	3.06	2.33
MAX	39	135	10'	31	32	53	10	9.8	1.6	.14	21	10
MIN	3.2	11	19	13	11	11	3.5	1.4	.00	.00	.00	.08

CAL YR 1985	TOTAL	6404.43	MEAN	17.5	MAX	212	MIN	.18
WTR YR 1986	TOTAL	4204.54	MEAN	11.5	MAX	135	MIN	.00

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58", long 80°34'59", Lancaster County, Hydrologic Unit 03040202, at downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 1.9 mi upstream from mouth.

DRAINAGE AREA.--23.9 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Nov. 14 to Dec. 11, and Sept. 12-30, which are poor.

AVERAGE DISCHARGE.--6 years, 21.3 ft³/s, 12.12 in/yr. The figure published in the 1985 report was in error; the correct figure is 5 years, 22.1 ft³/s, 12.58 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 918 ft³/s, Aug. 18, 1985, gage height 9.43 ft; minimum daily, 0.13 ft³/s, Jul. 10, 21, and 30, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Nov. 21, gage height, unknown; minimum daily, 0.13 ft³/s, Jul. 10, 21, and 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.83	52	200	22	15	16	17	4.2	2.8	.33	.19	1.7
2	.91	75	115	20	15	14	16	4.2	2.5	.74	.14	1.5
3	1.2	33	80	20	15	13	15	3.7	1.9	.64	.27	1.6
4	6.0	28	66	19	15	12	15	3.7	1.9	.42	.14	1.9
5	8.0	19	60	18	15	26	14	3.6	1.3	.20	.37	5.6
6	3.3	14	54	18	18	20	14	3.5	1.5	.17	.41	5.9
7	1.4	11	50	17	20	16	13	3.5	1.1	.32	.49	3.5
8	1.2	9.6	47	16	16	14	13	3.5	1.0	.24	.28	2.1
9	1.1	7.9	43	15	15	13	14	3.7	.96	.23	.15	4.0
10	1.1	7.3	40	17	16	14	12	3.3	.66	.13	.21	2.5
11	1.3	6.6	35	17	45	14	12	3.5	.95	.32	.23	2.0
12	1.0	12	30	16	30	13	11	3.5	.80	.21	7.6	2.0
13	1.3	23	42	16	22	17	11	3.5	.80	.29	6.9	2.0
14	1.4	32	35	14	20	108	11	4.2	.51	.20	11	1.8
15	1.1	17	20	14	19	73	9.7	3.9	.71	.26	4.8	1.7
16	1.3	19	27	14	17	45	9.8	3.5	1.4	.36	2.2	1.6
17	1.2	20	26	14	17	36	8.7	3.2	1.6	.15	1.3	1.6
18	1.4	16	26	15	17	29	8.9	3.4	1.5	.27	.84	1.7
19	1.0	15	25	37	18	36	11	9.1	1.0	.16	2.6	1.7
20	1.1	170	24	27	22	53	19	25	1.1	.29	44	1.7
21	8.3	800	23	18	18	49	9.2	10	.54	.13	27	1.6
22	23	170	23	16	15	37	8.3	5.6	.53	.24	7.9	1.6
23	18	100	23	15	14	32	7.3	4.8	.52	.15	7.4	1.6
24	8.8	60	23	14	14	28	6.9	4.0	.24	.22	6.6	1.6
25	5.2	35	22	15	14	25	6.8	3.5	.41	.30	3.7	1.6
26	3.1	30	21	25	13	25	5.9	6.8	.22	.45	2.3	1.5
27	2.5	25	21	26	14	24	6.0	6.8	.42	.27	1.6	1.4
28	2.3	23	20	22	17	22	5.9	6.0	.24	.16	1.1	1.3
29	2.2	110	21	19	---	21	5.2	4.5	.31	.26	1.1	1.3
30	2.1	275	20	17	---	19	4.8	4.0	.31	.13	.82	1.4
31	3.6	---	19	16	---	18	---	3.2	---	.19	1.1	---
TOTAL	116.24	2215.4	1289	569	506	882	321.4	158.9	29.73	8.37	144.74	63.0
MEAN	3.75	73.8	41.6	18.4	18.1	28.5	10.7	5.13	.99	.27	4.67	2.10
MAX	23	800	200	37	45	108	19	25	2.8	.74	44	5.9
MIN	.83	6.6	19	14	13	12	4.8	3.2	.22	.13	.14	1.3

CAL YR 1985	TOTAL	7712.87	MEAN	21.1	MAX	800	MIN	.61
WTR YR 1986	TOTAL	6305.78	MEAN	17.3	MAX	800	MIN	.13

02132000 LYNCHES RIVER AT EFFINGHAM, SC
(National stream-quality accounting network station)

LOCATION.--Lat 34°03'05", long 79°45'15", Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1929 to current. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 58.49 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges, June 29 to Aug. 5 and Aug. 8-10 which are poor.

AVERAGE DISCHARGE.--57 years, 1,030 ft³/s, 13.58 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,000 ft³/s, Sept. 22, 1945, gage height, 21.21 ft, from rating curve extended above 17,000 ft³/s; minimum, 94 ft³/s, Oct. 10, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,950 ft³/s, Nov. 30, gage height, 12.57 ft; minimum daily, 110 ft³/s, July 26 to Aug. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	243	431	3870	809	979	693	957	321	323	150	110	589
2	236	512	3640	796	988	675	872	312	313	140	120	483
3	231	548	3280	798	918	659	801	305	285	140	140	445
4	251	809	2900	793	842	662	745	290	255	140	160	450
5	266	979	2520	786	794	681	703	277	235	140	190	433
6	255	1180	2270	783	764	684	671	269	219	140	203	464
7	279	1410	2580	782	768	661	643	261	209	130	214	417
8	350	1400	3370	771	756	646	616	252	195	130	150	378
9	460	1300	3300	751	737	668	602	266	188	130	140	358
10	538	1210	2840	734	740	716	579	262	181	130	150	391
11	487	1020	2400	732	963	733	558	251	190	130	213	415
12	390	799	2080	737	1160	694	545	237	177	130	251	377
13	345	800	1930	719	1200	650	542	228	167	130	227	338
14	322	745	1770	699	1160	920	529	224	161	130	230	317
15	309	677	1560	689	1120	1290	503	221	159	130	291	302
16	298	665	1390	681	1120	1290	476	219	160	120	356	287
17	291	704	1320	676	1150	1230	457	218	181	120	434	271
18	288	754	1290	673	1120	1210	440	233	163	120	551	254
19	284	751	1300	680	1010	1240	424	249	172	120	1030	236
20	282	703	1320	701	919	1520	411	261	195	120	939	222
21	280	695	1300	697	867	1870	409	249	226	120	701	212
22	283	915	1220	704	822	2170	402	236	203	120	580	203
23	297	1450	1130	729	798	2560	384	259	175	120	556	194
24	312	1620	1060	773	794	2520	370	342	163	120	626	189
25	355	1960	1000	831	807	2210	370	393	159	120	725	186
26	432	2180	955	865	799	1930	370	374	157	110	927	183
27	502	2240	918	872	763	1830	366	343	155	110	1070	182
28	535	2330	894	823	721	1820	358	321	151	110	1240	179
29	496	3160	884	813	---	1690	348	310	150	110	1350	178
30	424	3870	860	853	---	1390	333	306	150	110	1090	177
31	378	---	827	916	---	1110	---	316	---	110	740	---
TOTAL	10699	37817	57958	23674	25579	38622	15784	8605	5817	3880	15704	9310
MEAN	345	1261	1870	764	914	1246	526	278	194	125	507	310
MAX	538	3870	3870	916	1200	2560	957	393	323	150	1350	589
MIN	231	431	827	673	721	646	333	218	150	110	110	177

CAL YR 1985 TOTAL 325228 MEAN 891 MAX 3870 MIN 187
WTR YR 1986 TOTAL 253449 MEAN 694 MAX 3870 MIN 110

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1951 to September 1952, October 1960 to April 1966, July 1969 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)
NOV 12...	1330	760	79	6.60	16.5	2.5	768	9.0	91	K40	280	17
JAN 15...	1230	680	85	6.90	4.5	3.0	780	11.7	88	K30	K45	14
MAR 13...	1140	648	95	7.10	15.5	5.7	772	9.2	91	K55	K25	13
MAY 15...	0830	220	121	6.90	21.5	3.6	778	7.6	84	K35	K55	12
JUL 31...	1730	109	173	7.50	30.5	--	770	7.3	96	K25	K5	--
SEP 09...	1330	356	128	7.00	23.0	3.9	779	7.0	80	600	K90	17

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
NOV 12...	6	4.0	1.6	12	58	1	2.0	12	12	10	<.10	9.2
JAN 15...	0	3.1	1.4	14	66	2	1.9	13	13	11	<.10	7.0
MAR 13...	0	2.9	1.3	13	67	2	1.2	18	14	9.4	.10	2.9
MAY 15...	0	3.0	1.2	23	76	3	2.5	22	21	12	.10	6.2
SEP 09...	0	4.2	1.6	20	69	2	1.9	20	23	12	.10	8.8

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
NOV 12...	74	58	.10	152	.13	.010	.01	.30	.030	.15	.040	.030
JAN 15...	58	62	.08	108	.31	.020	.03	.50	.030	.09	.020	.030
MAR 13...	58	53	.08	101	.21	.040	.05	.50	.040	--	.020	.030
MAY 15...	83	80	.11	49	.75	<.010	--	.30	.070	--	.080	.060
JUL 31...	--	--	--	--	.28	.020	.03	.50	.100	--	.090	.080
SEP 09...	115	82	.16	111	.35	.070	.09	.80	.100	--	.090	.050

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV												
12...	.09	80	<1	8	<.5	1	<1	<3	88	680	9	<4
JAN												
15...	.09	30	<1	10	<.5	<1	<1	<3	2	260	1	<4
MAR												
13...	.09	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	.18	50	<1	5	<.5	<1	<1	<3	2	840	3	<4
JUL												
31...	.25	--	--	--	--	--	--	--	--	--	--	--
SEP												
09...	.12	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
12...	21	<.1	<10	15	<1	<1	26	<6	21	7	15	69
JAN												
15...	11	<.1	<10	<1	<1	<1	19	<6	4	--	--	--
MAR												
13...	--	--	--	--	--	--	--	--	--	10	17	60
MAY												
15...	12	<.1	<10	<1	<1	<1	20	<6	7	6	3.6	64
JUL												
31...	--	--	--	--	--	--	--	--	--	4	1.2	78
SEP												
09...	--	--	--	--	--	--	--	--	--	10	9.6	55

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

LOCATION.--Lat 34°03'25", long 79°14'50", Horry-Marion County Line, Hydrologic Unit 03040204, near left bank on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mi downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 mi^2, approximately.

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 23.95 ft above National Geodetic Vertical Datum of 1929. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--45 years, 3,169 ft^3/s, 15.42 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27,600 ft^3/s, Oct. 9, 10, 1964, gage height, 13.01 ft; minimum, 155 ft^3/s, Oct. 12, 13, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.0 ft, in September 1928, from floodmark set by local resident.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5.010 ft^3/s, Dec. 13, gage height, 8.75 ft; minimum, 358 ft^3/s, Aug. 2, 3, gage height, 3.07 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	594	940	3630	2490	1900	2130	3810	749	979	1740	366	1550
2	583	1060	3750	2420	1940	2130	3520	724	1060	1440	361	1600
3	576	1100	3860	2350	1960	2120	3250	694	1080	1500	393	1670
4	586	1200	4030	2270	2000	2060	3020	667	1040	1820	445	1740
5	652	1230	4210	2200	2010	2030	2810	640	1010	2260	438	1780
6	730	1260	4420	2130	2020	1970	2610	616	992	2660	456	1800
7	789	1320	4640	2070	2050	1890	2410	596	954	2930	481	1760
8	816	1430	4830	2010	2040	1810	2250	575	888	3020	525	1650
9	907	1660	4910	1960	2050	1730	2090	556	850	2860	540	1490
10	901	2000	4890	1930	2060	1650	1920	538	920	2490	502	1320
11	826	2330	4810	1900	2220	1580	1780	524	870	2000	453	1150
12	852	2550	4750	1890	2250	1510	1640	512	890	1520	425	1020
13	900	2690	4950	1850	2280	1460	1510	505	859	1100	419	977
14	953	2700	4840	1830	2300	1580	1410	503	766	817	428	930
15	1020	2660	4700	1790	2290	1720	1320	499	665	657	457	871
16	1090	2610	4590	1770	2250	1910	1250	487	624	567	468	848
17	1160	2580	4430	1730	2230	2120	1190	481	669	515	482	844
18	1220	2560	4200	1700	2220	2260	1120	478	750	469	512	844
19	1270	2530	3980	1670	2220	2370	1060	478	790	433	592	848
20	1290	2510	3790	1640	2210	2520	996	524	839	408	750	851
21	1270	2570	3600	1600	2210	2710	941	582	1130	396	951	846
22	1200	2650	3440	1590	2200	2900	893	642	1150	417	1100	829
23	1120	2710	3290	1570	2190	3150	855	703	1150	411	1280	787
24	1020	2630	3180	1560	2180	3380	830	707	1140	400	1400	729
25	939	2620	3070	1550	2150	3610	808	693	1150	389	1460	670
26	883	2690	2960	1610	2130	3870	792	744	1190	384	1490	622
27	858	2760	2870	1690	2140	4150	788	771	1380	383	1480	581
28	854	2920	2790	1730	2130	4320	790	799	1610	387	1450	554
29	853	3170	2710	1800	---	4330	796	806	1880	376	1390	550
30	857	3450	2630	1840	---	4230	771	811	1940	372	1360	531
31	873	---	2560	1870	---	4050	---	919	---	371	1470	---
TOTAL	28242	67090	121300	58000	59850	79270	49220	19522	31215	35492	24324	32242
MEAN	911	2236	3913	1871	2138	2557	1641	630	1041	1145	785	1075
MAX	1290	3450	4950	2490	2300	4330	3810	919	1940	3020	1490	1800
MIN	576	940	2560	1550	1900	1460	771	478	624	371	361	531

CAL YR 1985	TOTAL	809222	MEAN	2217	MAX	6730	MIN	514
WTR YR 1986	TOTAL	605767	MEAN	1660	MAX	4950	MIN	361

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02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC
(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 34°09'02", long 80°18'18", Lee County, Hydrologic Unit 03040205, at bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville.

DRAINAGE AREA.--96.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 164.53 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharge. Records good.

AVERAGE DISCHARGE.--18 years (water years 1969-86), 103 ft³/s, 14.57 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,700 ft³/s, Sept. 7, 1979, gage height, 8.54 ft; minimum daily, 3.5 ft³/s, Jul. 24, 25, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)
Aug. 22	1800	*574	*6.83

Minimum daily, 3.5 ft³/s Jul. 24, 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	88	243	75	85	52	58	19	18	8.4	5.3	56
2	16	149	279	77	78	50	55	18	16	8.3	5.1	64
3	17	171	331	78	73	49	53	17	17	8.3	5.0	69
4	38	185	277	75	67	48	52	16	17	7.7	7.2	78
5	80	187	218	72	63	50	50	16	15	6.5	6.2	86
6	88	173	181	71	64	53	48	16	14	6.0	17	77
7	59	139	158	68	71	55	47	15	13	5.8	23	52
8	36	111	139	66	70	52	45	15	12	5.2	10	41
9	30	81	126	64	67	48	46	15	11	4.6	8.3	36
10	27	52	118	64	68	45	44	15	12	4.5	7.7	32
11	27	43	111	66	104	45	42	14	16	4.5	9.2	30
12	27	43	107	65	115	45	40	14	14	4.4	75	27
13	27	58	114	64	105	46	39	14	13	4.1	90	26
14	26	64	119	62	100	97	37	16	10	4.3	71	25
15	25	60	115	62	98	132	35	16	8.4	6.3	55	22
16	29	56	112	61	85	132	33	15	8.5	7.2	46	19
17	31	52	111	62	73	132	31	15	11	6.5	35	17
18	29	50	108	62	67	146	30	14	12	6.2	33	15
19	27	48	100	69	64	148	29	14	11	5.5	104	14
20	27	99	92	83	67	178	28	15	9.1	4.9	129	14
21	27	426	86	82	69	192	28	15	12	4.2	146	13
22	37	394	82	79	68	199	30	15	12	4.0	431	13
23	58	476	82	78	64	205	29	14	11	3.8	414	12
24	66	491	84	73	57	188	28	14	9.2	3.5	255	12
25	61	427	84	66	53	155	27	13	8.1	3.5	176	12
26	46	319	80	88	51	121	26	24	21	4.0	135	12
27	39	247	76	114	50	98	24	44	71	4.1	107	11
28	34	200	76	113	52	81	23	72	15	12	75	11
29	31	181	78	107	---	70	22	54	11	8.3	41	11
30	29	211	78	107	---	65	20	28	9.5	7.6	31	10
31	33	---	76	98	---	61	---	22	---	5.9	34	---
TOTAL	1143	5281	4041	2371	2048	3038	1099	624	437.8	180.2	2587.0	917
MEAN	36.9	176	130	76.5	73.1	98.0	36.6	20.1	14.6	5.81	83.5	30.6
MAX	88	491	331	114	115	205	58	72	71	12	431	86
MIN	16	43	76	61	50	45	20	13	8.1	3.5	5.0	10

CAL YR 1985	TOTAL	32124	MEAN	88.0	MAX	491	MIN	11
WTR YR 1986	TOTAL	23767.0	MEAN	65.1	MAX	491	MIN	3.5

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02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1970 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	DIS-SOLVED (PER-CENT SATUR-ATION)	FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV 07...	1620	130	32	4.70	14.0	1.7	756	7.1	69	100	210	8
JAN 14...	1520	65	25	5.50	5.0	4.1	764	11.6	91	K50	K60	5
MAR 12...	1300	45	25	5.70	15.5	6.2	769	9.3	92	K45	K30	4
MAY 14...	1345	17	28	--	18.5	--	772	7.5	79	590	K1000	--
JUL 31...	1020	6.2	31	5.80	21.0	2.2	768	7.7	86	150	420	6
SEP 08...	1730	42	40	4.80	21.0	--	772	6.8	75	K55	490	--

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 07...	7	1.5	.93	4.8	56	.8	.50	1.0	3.1	5.8	<.10	11
JAN 14...	4	.90	.60	3.2	55	.7	.70	<1.0	--	--	<.10	8.3
MAR 12...	3	.79	.54	3.5	61	.8	.50	<3.0	7.8	4.9	<.10	3.3
JUL 31...	3	1.1	.69	4.9	63	.9	.60	3.0	5.6	4.0	.10	6.4

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV 07...	28	29	.04	9.8	<.10	.040	.05	.40	.020	.06	.130
JAN 14...	26	--	.04	4.6	.21	.020	.03	.50	.010	.03	<.010
MAR 12...	21	23	.03	2.5	.30	.040	.05	.50	.020	--	.010
MAY 14...	--	--	--	--	.95	.040	.05	.50	.020	--	.050
JUL 31...	30	25	.04	.50	.82	.030	.04	.30	.010	--	.010
SEP 08...	--	--	--	--	.31	.060	.08	.50	.020	--	.030

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV 07...	.110	.34	160	<1	<2	.9	1	<1	<3	51	540
JAN 14...	.010	.03	100	<1	<3	<.5	<1	<1	<3	<1	180
MAR 12...	.020	.06	--	--	--	--	--	--	--	--	--
MAY 14...	.030	.09	--	--	--	--	--	--	--	--	--
JUL 31...	<.010	--	--	--	--	--	--	--	--	--	--
SEP 08...	<.010	--	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 07...	7	<4	63	.1	<10	20	<1	<1	11	<6	67
JAN 14...	<1	<4	31	.1	<10	<1	<1	<1	7	<6	<3

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 07...	6	2.0	58	<.5	.6	1.6	.5	1.6	.5	.15	.03
MAR 12...	8	.97	69	--	--	--	--	--	--	--	--
MAY 14...	6	.28	80	--	--	--	--	--	--	--	--
JUL 31...	2	.03	80	--	--	--	--	--	--	--	--
SEP 08...	6	.68	72	--	--	--	--	--	--	--	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

BEST COPY AVAILABLE

02135500 BLACK RIVER NEAR GABLE, SC

LOCATION.--Lat 33°54'00", long 80°09'35", Sumter County, Hydrologic Unit 03040205, near left bank on downstream side of McBride Crossing on U.S. Highway 378, 1.0 mi downstream from Church Branch, 6.3 mi northwest of Gable, and at mile 123.1.

DRAINAGE AREA.--401 mi^2.

PERIOD OF RECORD.--June 1951 to June 1966, April 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 95 ft above National Geodetic Vertical Datum of 1929, (from topographic map). Crest-stage station October 1970 to September 1971 at same site and datum. Prior to Dec. 9, 1955, wire-weight gage at same site and datum.

REMARKS.--No estimated daily discharges. Records poor.

AVERAGE DISCHARGE.--28 years, 378 ft^3/s, 12.80 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft^3/s, Mar. 5, 1971, gage height, 6.82 ft; maximum gage height 6.92 ft. June 13, 1973; no flow for several days in 1954, 1956, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,080 ft^3/s, Nov. 23, gage height, 5.97 ft; minimum, 0.10 ft^3/s, July. 21, gage height 0.99 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	126	1680	256	255	217	268	27	283	3.9	1.6	152
2	9.0	175	2090	252	241	212	250	26	190	6.2	3.4	109
3	9.3	234	1920	242	232	199	234	22	119	5.7	14	84
4	33	646	1590	236	227	190	221	21	67	4.9	237	63
5	37	1220	1310	231	221	186	209	20	41	3.9	277	66
6	29	1080	1100	224	223	182	197	19	28	2.7	135	82
7	26	722	981	217	230	176	185	18	21	2.0	183	65
8	26	476	887	209	227	168	176	18	17	1.3	148	52
9	25	363	759	202	217	156	180	24	14	.83	63	44
10	26	310	647	201	232	148	168	24	13	.58	30	41
11	35	272	589	203	367	149	150	24	11	.55	29	39
12	40	246	608	200	500	153	138	23	9.6	.51	54	35
13	43	236	620	195	548	158	124	23	8.5	.33	53	30
14	39	235	608	192	516	302	114	24	7.4	.26	59	24
15	32	223	570	189	464	412	102	23	7.3	.94	74	19
16	29	214	527	185	420	420	89	22	9.6	.91	185	16
17	28	205	485	183	374	407	76	21	15	.68	261	14
18	26	195	440	203	339	364	70	22	22	.41	305	12
19	25	186	414	227	322	354	62	25	19	.20	393	11
20	24	223	385	231	311	452	62	34	12	.12	411	11
21	25	899	366	227	297	536	67	34	9.2	.11	402	9.0
22	32	3340	347	226	280	637	68	29	6.6	1.0	370	9.1
23	63	4860	337	219	278	753	64	24	5.0	.95	330	8.6
24	96	4150	320	206	259	743	57	20	3.8	.47	289	8.2
25	133	2970	308	200	242	610	51	19	3.5	.31	256	7.7
26	110	2250	294	234	229	495	49	29	2.9	.37	239	7.3
27	87	1820	289	267	220	420	45	64	2.8	.45	252	6.8
28	72	1560	282	264	215	372	42	255	3.2	.41	253	7.1
29	56	1360	280	266	---	340	38	392	3.3	.27	206	8.6
30	48	1370	271	272	---	315	32	414	3.6	.90	163	7.5
31	55	---	264	268	---	292	---	378	---	1.4	176	---
TOTAL	1327.4	32166	21568	6927	8486	10518	3588	2118	958.3	43.56	5872.0	1049.7
MEAN	42.8	1072	696	223	303	339	120	68.3	31.9	1.41	189	35.0
MAX	133	4860	2090	272	548	753	268	414	283	6.2	411	152
MIN	9.0	126	264	183	215	148	32	18	2.8	.11	1.6	6.8

CAL YR 1985	TOTAL 131355.6	MEAN	360	MAX	4860	MIN	8.8
WTR YR 1986	TOTAL 94621.96	MEAN	259	MAX	4860	MIN	.11

02136000 BLACK RIVER AT KINGSTREE, SC
(National stream-quality accounting network station)

LOCATION.--Lat 33°39'40", long 79°50'10", Williamsburg County, Hydrologic Unit 03040205, on left bank at downstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--Water-stage recorder. Datum of gage is 25.66 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--57 years, 945 ft³/s, 10.25 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58,000 ft³/s, June 14, 1973, gage height, 19.77 ft; minimum, 2.0 ft³/s, Sept. 12-15, Oct. 7, 8, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,720 ft³/s, Nov. 28, gage height, 12.59 ft; minimum, 7.2 ft³/s, Jul. 25-29, Aug.1, gage height, 1.11 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	375	5020	1120	865	931	1420	115	136	23	7.6	478
2	122	477	4470	1080	879	877	1290	104	177	20	8.7	548
3	119	539	4110	1040	887	827	1170	93	209	18	10	570
4	140	636	3910	1010	884	788	1050	84	216	16	17	590
5	151	725	3780	986	871	754	941	76	208	14	13	595
6	169	783	3860	949	861	720	847	70	185	13	11	589
7	198	834	3950	918	863	684	753	64	146	12	13	590
8	218	895	3840	887	855	644	665	61	108	12	37	587
9	239	1000	3530	855	867	609	620	60	84	11	65	572
10	258	1130	3140	834	859	581	580	62	84	10	73	544
11	272	1430	2760	822	1050	557	545	74	154	10	64	498
12	264	1620	2470	804	1320	535	494	63	184	9.9	53	434
13	275	1620	2940	790	1550	516	438	70	171	9.4	45	362
14	285	1500	3600	777	1780	619	396	79	118	8.9	40	293
15	301	1350	3540	763	2120	900	362	67	88	8.2	40	239
16	290	1210	3470	751	2330	1290	337	64	80	8.5	49	200
17	281	1110	3540	739	2340	1520	309	60	70	8.7	53	172
18	270	1010	3300	726	2250	1700	285	57	67	8.3	58	146
19	267	912	2930	713	2120	1830	259	56	68	8.0	71	126
20	261	848	2600	706	1950	2040	233	55	53	7.5	74	109
21	252	827	2340	698	1780	2140	211	54	65	8.3	92	95
22	243	987	2150	694	1620	2140	192	60	70	8.2	121	83
23	239	1350	1990	700	1480	2070	177	61	62	7.6	167	73
24	241	1670	1850	708	1360	2030	168	56	50	7.7	226	65
25	252	2160	1720	708	1250	2060	160	50	42	7.4	277	58
26	255	4030	1580	733	1150	2070	153	46	35	7.3	313	52
27	255	6770	1470	776	1070	2010	148	52	32	7.2	340	47
28	260	7580	1380	791	997	1930	142	77	29	8.3	359	44
29	270	6820	1310	827	---	1800	136	115	29	7.8	352	42
30	281	5780	1150	841	---	1720	125	79	26	9.9	358	37
31	290	---	1170	853	---	1570	---	87	---	8.5	407	---
TOTAL	7344	58038	88870	25599	38188	40462	14606	2171	3056	324.6	3814.3	8838
MEAN	237	1935	2867	826	1364	1305	487	70.0	102	10.5	123	295
MAX	301	7580	5020	1120	2340	2140	1420	115	216	23	407	595
MIN	118	375	1150	694	847	516	125	46	26	7.2	7.6	37

CAL YR 1985	TOTAL	316839	MEAN	868	MAX	7580	MIN	37
WTR YR 1986	TOTAL	291310.9	MEAN	798	MAX	7580	MIN	7.2

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1942 to September 1966, July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
12...	1600	1640	82	6.00	16.5	1.5	768	7.0	71	190	440	17
JAN												
15...	1530	740	71	6.60	5.5	2.0	762	11.2	87	K30	K35	17
MAR												
13...	1500	514	82	6.80	19.0	3.4	772	7.1	76	K45	K30	16
MAY												
15...	1145	63	108	6.70	21.0	12	778	7.0	77	250	420	24
AUG												
01...	1000	7.1	119	6.80	31.0	--	770	6.9	92	>6000	>10000	--
SEP												
09...	1700	567	109	6.10	22.5	2.5	780	5.5	62	5100	390	23

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
12...	9	4.2	1.5	9.3	51	1	2.3	7.0	10	14	<.10	11
JAN												
15...	9	4.3	1.6	8.1	47	.9	2.0	8.0	9.5	13	<.10	4.9
MAR												
13...	2	4.1	1.5	8.8	51	1	1.8	14	13	11	.10	1.4
MAY												
15...	3	6.3	1.9	13	51	1	2.7	23	18	10	.20	6.8
SEP												
09...	15	6.1	1.9	12	50	1	2.0	8.0	27	15	<.10	14

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV												
12...	78	58	.11	345	<.10	.040	.05	.60	.060	.18	.070	.010
JAN												
15...	55	49	.07	113	<.10	.070	.08	.60	.030	.09	.020	.020
MAR												
13...	61	50	.08	85	.14	.060	.08	.70	.060	--	.040	.030
MAY												
15...	88	73	.12	15	.36	.060	.08	.80	.220	--	.190	.150
AUG												
01...	--	--	--	--	<.10	.240	.31	.70	.980	--	.700	.660
SEP												
09...	137	83	.19	210	<.10	.050	.06	1.7	.110	--	.080	.030

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV 12...	.03	200	<1	25	<.5	<1	1	<3	190	400	11	<4
JAN 15...	.06	80	<1	13	<.5	<1	<1	<3	15	120	<1	10
MAR 13...	.09	--	--	--	--	--	--	--	--	--	--	--
MAY 15...	.46	100	<1	21	<.5	<1	<1	<3	2	570	2	<4
AUG 01...	2.0	--	--	--	--	--	--	--	--	--	--	--
SEP 09...	.09	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 12...	25	2.2	<10	5	<1	<1	25	<6	440	5	22	69
JAN 15...	9	.2	<10	1	<1	<1	25	<6	9	2	4.1	60
MAR 13...	--	--	--	--	--	--	--	--	--	6	8.3	58
MAY 15...	68	.4	<10	<1	<1	<1	37	<6	7	12	2.1	47
AUG 01...	--	--	--	--	--	--	--	--	--	12	.23	79
SEP 09...	--	--	--	--	--	--	--	--	--	7	11	62

NOTE: "X" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02146000 CATAWBA RIVER NEAR ROCK HILL, SC

LOCATION.--Lat 34°59'05", long 80°58'27", York County, Hydrologic Unit 03050103, on right bank at downstream side of bridge on U.S. Highway 21, 3.5 mi downstream from Lake Wylie Dam, 5.0 mi northeast of Rock Hill, 7.5 mi upstream from Sugar Creek, and at mile 137.6

DRAINAGE AREA.--3,050 mi^2, approximately.

PERIOD OF RECORD.--September 1895 to September 1903, April 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1895-1903, WSP 1333: 1942-43(M), 1953(M). WSP 1623: 1942-51 (yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 485.82 ft above National Geodetic Vertical Datum of 1929. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--Records good except for estimated daily discharges, Jun. 1 to July 1, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--32 years, 4,507 ft^3/s, 20.07 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 151,000 ft^3/s, May 23, 1901, gage height, 24.15 ft, site and datum then in use; minimum daily, 227 ft^3/s, Apr. 26, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 27,500 ft^3/s, Nov. 22, gage height, 10.72 ft; minimum daily, 227 ft^3/s, Apr. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	548	3000	1640	2400	994	1260	1420	648	689	1650	684	796
2	1820	5640	5710	2290	1390	689	1440	699	2020	661	577	757
3	1770	7160	7090	2840	3870	659	771	631	615	757	782	813
4	3010	8560	7780	2840	5800	1940	341	868	605	687	643	2700
5	828	8530	7530	4510	5690	3290	286	615	640	600	729	1840
6	723	8450	8310	8500	1350	692	1620	651	2110	598	1610	3050
7	5690	8550	8290	5270	5190	727	3220	639	1230	2160	1320	757
8	1150	8570	8370	7190	1330	1030	3040	689	485	1880	3020	653
9	533	8620	8420	3530	3060	667	992	640	4350	763	720	617
10	2020	8570	8450	6550	6510	2180	1110	630	742	761	685	2590
11	4510	6630	8480	6820	4830	599	979	649	2090	711	1310	763
12	988	8710	8580	4250	3860	784	1380	702	3060	776	1320	571
13	468	6560	6470	5780	3660	4580	618	683	590	808	3570	681
14	1690	5750	1160	1990	4180	932	4810	1020	620	1710	2570	664
15	4540	5580	720	2560	3810	770	3770	1400	620	735	2710	642
16	3120	6200	6020	3090	2570	1510	1090	3760	520	664	1820	664
17	1810	2360	3350	4830	2480	4660	1250	837	485	1140	2190	570
18	1660	6750	3740	4150	5990	5770	747	684	485	1130	1000	593
19	544	3130	4520	2220	5300	6070	673	656	1560	739	928	928
20	554	8020	5280	5430	4250	5030	621	995	1800	782	1920	549
21	645	7370	3820	5910	4690	6090	2260	739	600	739	829	679
22	3480	15900	3980	6080	5180	4860	664	594	670	1110	1780	681
23	3780	7520	2420	4330	3020	803	656	656	2850	727	1130	723
24	4000	4290	822	4460	4370	2650	1310	624	4110	711	668	2660
25	2580	6350	1070	1530	5660	3900	350	1180	3740	680	3360	2750
26	908	7480	5800	1950	2670	5030	227	646	1890	729	4060	3310
27	1590	4810	3120	6130	3750	5190	1700	1880	3400	722	4770	863
28	1630	5290	2750	5770	3270	1700	762	1200	615	806	1390	667
29	1160	6910	3350	1400	---	702	1150	1070	605	1700	793	1820
30	3350	3710	4980	2770	---	1160	723	770	620	645	776	1710
31	2800	---	689	3900	---	1640	---	743	---	647	849	---
TOTAL	63899	204970	152711	131270	108724	77564	39980	28198	44416	28928	50483	37061
MEAN	2061	6832	4926	4235	3883	2502	1333	910	1481	933	1628	1235
MAX	5690	15900	8580	8500	6510	6090	4810	3760	4350	2160	4770	3310
MIN	468	2360	689	1400	994	599	227	594	485	598	577	549

CAL YR 1985 TOTAL 1222700 MEAN 3350 MAX 15900 MIN 468
WTR YR 1986 TOTAL 968204 MEAN 2653 MAX 15900 MIN 227

02147000 CATAWBA RIVER NEAR CATAWBA, SC

LOCATION.--Lat 34°31'09'', long 80°52'06'', York County, Hydrologic Unit 03050103, on right bank, 60 ft downstream from Seaboard Coast Line Railroad bridge, 200 ft downstream from Twelvemile Creek, 2.5 mi east of Catawba, and at mile 122.8.

DRAINAGE AREA.--3,530 mi², approximately.

PERIOD OF RECORD.--October 1968 to current year. Annual peak stages from June 1906 to December 1948 and gage-height records since May 1958 are available in district office.

GAGE.--Water-stage recorder. Datum of gage is 446.18 ft above National Geodetic Vertical Datum of 1929 (levels by Bowaters Carolina Corporation). June 1906 to Dec. 21, 1948, nonrecording gage at site 2.1 mi downstream at different datum.

REMARKS.--Records good, except those for estimated daily discharges; Nov. 23 to Dec. 12, Apr. 25 to May 15, Jun. 8 to Jul. 1, and Sept. 6-7 which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

AVERAGE DISCHARGE.--18 years, 5,507 ft³/s 21.19 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,600 ft³/s Oct. 9, 1976, gage height, 23.81 ft; minimum daily, 480 ft³/s Apr. 26, 1986, from hydrograph comparison.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum stage known since June 1906, 40.4 ft July 16, 1916 at site and datum then in use, from records furnished by the National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 39,000 ft³/s Nov. 22, gage height, 15.80 ft; minimum daily, 480 ft³/s Apr. 26. from hydrograph comparison.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	850	4340	4050	2510	2580	2130	1570	900	894	1800	849	964
2	1460	8780	7000	2550	1400	997	1430	780	1630	1190	838	935
3	4000	8950	8400	3090	3640	981	1150	800	1680	921	945	1020
4	2730	10800	8700	1880	5240	2050	940	950	917	931	1240	3500
5	2770	10000	9000	4540	6170	3710	580	800	955	850	1520	2150
6	1000	9650	9100	9020	2820	1160	1700	720	1080	800	1940	2700
7	4390	9570	9300	6270	4970	982	2520	760	2390	1650	1660	3050
8	3220	9410	9600	6890	3290	1280	3020	770	1500	2010	2820	912
9	831	9480	9700	4980	2680	959	2590	740	2500	1420	2190	864
10	1200	9420	9800	5910	5170	2300	1280	720	4500	878	885	1850
11	4510	7710	10000	8180	6130	1100	935	780	2000	909	1140	1860
12	2710	9180	10100	5770	5510	969	1250	790	2500	935	1890	813
13	792	8120	8540	4750	4610	3160	1320	800	3200	969	4380	815
14	819	7710	2590	3860	3440	4980	3760	1250	2250	1150	4460	813
15	4780	5020	1620	2770	4700	3860	4950	1700	1500	1590	3650	820
16	3520	6860	4440	2530	3590	2180	1410	3420	780	899	1920	803
17	2250	3610	4660	5470	2590	3970	1060	2200	750	938	2290	808
18	2550	6800	4130	4040	5410	5980	1310	902	715	1240	1860	760
19	1010	3500	4530	3500	6040	7160	938	888	1720	1150	2200	1060
20	837	8790	5800	5840	5550	7860	866	1360	1890	898	5670	836
21	876	9850	4790	5810	5500	7600	2400	1140	2000	900	2440	851
22	2390	28400	4120	7000	5190	6480	1510	888	1200	1140	1250	876
23	6410	12000	3700	4990	4210	1750	925	880	3200	1260	1840	820
24	3070	6200	1160	5340	4360	2370	1170	865	4000	934	1200	1400
25	4490	8000	1390	2160	5940	4390	1400	1260	4500	835	3200	3090
26	1420	8300	4180	1710	4090	5720	480	934	2800	998	3300	3310
27	1380	6400	5520	5740	4040	6010	2000	1650	3300	980	3520	2600
28	2240	6700	2420	6700	3310	2800	1400	1540	3700	971	2480	852
29	913	7400	3450	2900	---	977	1250	1320	2000	1160	1070	1170
30	3820	6050	5400	2650	---	990	1070	1060	900	1680	934	1650
31	4260	---	1710	3260	---	2220	---	934	---	781	902	---
TOTAL	77498	257000	178900	142610	122170	99075	48184	34481	62951	34737	68483	43952
MEAN	2500	8567	5771	4600	4363	3196	1606	1112	2098	1121	2209	1465
MAX	6410	28400	10100	9020	6170	7860	4950	3420	4500	2010	5670	3500
MIN	792	3500	1160	1710	1400	959	480	720	715	781	838	760

CAL YR 1985 TOTAL 1496722 MEAN 4101 MAX 28400 MIN 750
WTR YR 1986 TOTAL 1170041 MEAN 3206 MAX 28400 MIN 480

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40", long 80°39'15", Kershaw County, Hydrologic Unit 03050104, in pier of bridge on U.S. Highway 1, 1,500 ft downstream from Five and Twenty Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 mi west of Camden, 7.4 mi downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 mi^2, approximately.

PERIOD OF RECORD.--January to December 1903 (gage heights only), October 1904 to September 1910, October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site 1.5 mi downstream 1891-1934, at site 830 ft upstream January 1935 to September 1942, and at present site since October 1942, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 802: 1930. WSP 952: Drainage area. WSP 1082: 1934(M). WSP 1433: 1905-10. WSP 1623: 1930-31(monthly and yearly runoff).

GAGE.--Water-stage recorder and Data Collection Platform. Datum of gage is 119.36 ft above National Geodetic Vertical Datum of 1929. January 1903, to September 1910, nonrecording gage at site 1.5 mi downstream at datum 1.65 ft lower. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft^3).

AVERAGE DISCHARGE.--63 years (water years 1904-10, 1929-86), 6,370 ft^3/s, 17.07 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 366,000 ft^3/s Aug. 26, 1908 gage height, 39.7 ft, site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft^3/s on basis of computation, by Duke Power Co., of peak flow 382,000 ft^3/s over dam at Rocky Creek Reservoir; minimum daily, 143 ft^3/s Sept. 28, 1980.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft, datum 117.71 ft above mean sea level, at site 1.5 mi downstream, from records of National Weather Service, discharge, 400,000 ft^3/s from rating curve extended above 122,000 ft^3/s as explained above.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,400 ft^3/s Nov. 24, gage height, 16.13 ft; minimum daily, 207 ft^3/s May 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	208	7670	14400	3070	2850	2580	1090	1040	1220	1370	1370	3060
2	1230	10500	15700	1650	3430	2430	1060	606	2170	1080	1360	993
3	2590	12700	15400	3100	2360	2030	2310	558	1340	1140	1050	3900
4	4120	13000	14100	3800	6760	1220	1990	314	1160	1140	1650	889
5	3930	13100	13700	4880	7400	324	1140	591	1150	1210	976	3490
6	3100	10900	13600	8040	5220	2680	1540	463	700	1000	1020	4600
7	2210	11400	13500	6860	3690	1980	2450	1230	537	1900	1040	1460
8	1480	11900	13300	7870	2610	1740	3370	711	1430	1710	2820	1320
9	2050	8380	13100	5850	1510	268	2770	824	3080	831	1150	1240
10	1590	6470	12700	6570	4790	2690	606	649	1140	1570	946	1680
11	2280	10300	12600	8450	9190	1260	1610	859	1440	1150	950	2100
12	667	12200	13000	5830	6190	266	324	958	1990	1090	776	1730
13	366	5720	10700	7050	4550	5340	1880	821	1420	1170	1100	332
14	3780	8360	6090	2580	5330	11100	5250	542	829	1050	976	711
15	4460	9530	1540	1040	5010	12300	3630	1150	648	1330	2430	361
16	4540	6840	5250	2470	2980	5630	768	3410	1710	1180	980	476
17	1330	3240	6120	5980	2100	6120	1430	2070	980	1190	667	1500
18	1900	5720	3520	5960	4770	6030	2210	684	993	1360	3930	675
19	852	7030	5400	4860	6270	8190	728	299	1330	1230	12000	237
20	597	10200	6550	7140	6950	10500	383	779	1280	1360	12600	776
21	607	8610	5320	9370	5580	12700	2810	1560	1090	1090	12900	660
22	2060	13600	3810	10400	6840	12900	2030	1680	1110	1360	12700	514
23	3520	15700	2780	7680	3640	3880	964	1190	2180	1360	12600	713
24	6270	16600	2610	9790	4730	2860	357	589	2270	1280	12800	2450
25	9020	14400	3210	7030	5400	4000	905	207	2750	1290	11400	3380
26	2630	13800	5320	1250	3940	5330	1320	2020	1230	855	5920	2880
27	587	13500	2640	1830	3880	5950	1430	1720	1300	1810	5090	829
28	577	13300	2230	3950	2940	3900	2720	1760	981	1420	2680	475
29	603	13300	2820	1930	---	805	1260	634	1030	1340	360	844
30	5280	13300	5480	1120	---	3760	703	714	1270	1340	1520	1710
31	3500	---	2640	2700	---	3960	---	1040	---	1360	1570	---
TOTAL	77934	321270	249090	160100	130910	144723	51038	31672	41758	39566	129331	45985
MEAN	2514	10710	8035	5165	4675	4668	1701	1022	1392	1276	4172	1533
MAX	9020	16600	15700	10400	9190	12900	5250	3410	3080	1900	12900	4600
MIN	208	3240	1540	1040	1510	266	324	207	537	831	360	237

CAL YR 1985	TOTAL	1829789	MEAN	5013	MAX	16700	MIN	187
WTR YR 1986	TOTAL	1423377	MEAN	3900	MAX	16600	MIN	207

02148315 WATEREE RIVER BELOW EASTOVER, SC

LOCATION.--Lat 33°49'42'', long 80°37'14'', Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi upstream from Southern Railway bridge, 1.8 mi northeast of Wateree, 4.5 mi southeast of Eastover, and at mile 10.8.

DRAINAGE AREA.--5,590 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft³/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.43 ft National Geodetic Vertical Datum of 1929 (South Carolina Electric and Gas Company benchmark).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft³. Discharge represents only that portion of the flow confined to the main channel; less than 10,000 ft³/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach; therefore, the daily mean discharge is not shown for Nov. 23 to Dec. 14, 1985.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined; minimum daily, 648 ft³/s, Oct. 16, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined; minimum daily, 745 ft³/s, Sept. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1990	4660	---	4410	2470	3840	4680	1720	1210	1460	1430	1950
2	1310	6030	---	3540	3700	3570	2800	1370	1450	1580	1410	2970
3	827	8240	---	3210	3660	3210	2000	1380	1760	1550	1400	2820
4	2420	9090	---	3170	3330	3190	2220	1150	2210	1440	1390	2500
5	3000	9320	---	3990	5300	2200	2800	958	1740	1460	1350	3140
6	4530	9400	---	5010	6450	1680	2550	824	1560	1440	1330	2370
7	3800	9290	---	6390	5740	2090	2150	977	1510	1460	1120	4100
8	3500	9150	---	6400	4330	2650	2390	931	1080	1470	1090	3870
9	2550	9210	---	6770	3900	2520	3390	1470	1130	1900	1300	2000
10	2390	8440	---	6100	2840	1850	3820	1200	2010	1850	2130	2000
11	2480	7320	---	5880	4220	1760	2290	1120	2380	1530	1420	2040
12	2370	8290	---	6850	6990	2480	1760	1030	1760	1580	1210	2190
13	2430	8950	---	6230	6510	1750	1780	1320	1970	1480	1280	2450
14	1350	7450	---	6200	5380	3130	1490	1330	2000	1400	976	1900
15	1870	7580	7760	4730	5140	8110	3680	1110	1790	1420	1240	1190
16	4230	8110	5130	2500	5450	8940	4640	990	1270	1460	1760	1070
17	4710	7120	4760	2440	4460	7590	2770	2140	1350	1520	1900	845
18	3610	5170	6210	4710	3580	6510	1660	3000	1640	1480	1340	939
19	2000	5280	5000	5680	4060	6590	2250	2100	1500	1460	2190	1610
20	2190	6870	5190	5350	3900	7620	2240	1300	1410	1560	7760	1080
21	1500	8360	6210	6270	6180	8600	1460	935	1580	1500	9020	745
22	1290	8580	5950	7500	5910	9160	1590	1550	1610	1450	9310	1030
23	1490	---	4680	7920	6260	9280	2750	1600	1450	1410	9400	904
24	3400	---	4230	7310	5250	7590	2240	1910	1570	1520	9440	792
25	5260	---	3680	7560	4880	5140	1520	1630	2290	1490	9470	1110
26	7000	---	3710	6790	5130	4890	1170	1080	2730	1470	9250	2690
27	4910	---	4970	4060	4720	5410	1630	1070	2480	1440	7590	3160
28	2300	---	4160	2370	4580	6120	1660	1930	1710	1380	5820	2510
29	1430	---	3380	3720	---	5430	2300	2210	1630	1620	4840	1300
30	1220	---	3290	3560	---	2960	2580	2000	1480	1500	2690	896
31	2720	---	4650	2380	---	3340	---	1310	---	1440	1900	---
TOTAL	86077	---	---	159000	136320	149200	72260	44645	51260	46720	113756	58171
MEAN	2777	---	---	5129	4869	4813	2409	1440	1709	1507	3670	1939
MAX	7000	---	---	7920	6990	9280	4680	3000	2730	1900	9470	4100
MIN	827	---	---	2370	2470	1680	1170	824	1080	1380	976	745

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: October 1970 to current year.
WATER TEMPERATURE: October 1970 to current year.
DISSOLVED OXYGEN: October 1970 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1970.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 243 microsiemens, Aug. 12, 1986; minimum, 40 microsiemens, Sept. 1, 1984.
pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.8 units, Aug. 3, 1982.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19, 20, 1986; minimum, 1.0°C, Jan. 22, 1985.
DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Jan. 22, 1977; minimum, 2.1 mg/L, Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 243 microsiemens, Aug. 12; minimum, 78 microsiemens, Dec. 5.
pH: Maximum, 7.7 units, Jul. 23, 25, 26; minimum, 6.0 units, Dec. 15, 16.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19, 20; minimum, 4.0°C, Jan. 29.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 29; minimum, 4.2 mg/L, Aug. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	174	169	172	163	152	157	128	121	125	103	101	102
2	175	145	163	159	149	153	125	116	121	104	100	102
3	147	143	146	159	152	156	130	124	127	104	100	101
4	169	136	154	162	158	160	133	108	124	104	99	102
5	164	151	158	163	162	162	108	78	87	100	96	98
6	172	158	167	164	158	161	85	81	83	99	96	98
7	178	171	175	158	154	155	90	83	86	99	96	98
8	176	171	175	162	154	158	91	86	90	99	95	97
9	177	169	173	162	152	159	93	90	92	101	95	98
10	174	166	171	152	150	151	94	90	93	102	97	101
11	175	171	174	153	152	152	94	90	92	107	101	103
12	177	171	174	153	151	152	96	90	94	108	103	107
13	178	170	174	152	149	151	98	92	96	109	106	107
14	173	148	165	---	---	---	102	96	99	111	109	110
15	178	146	159	---	---	---	106	100	102	111	101	105
16	174	170	172	---	---	---	109	102	107	101	98	99
17	173	170	172	---	---	---	113	106	110	103	96	99
18	174	165	168	---	---	---	109	104	106	111	104	109
19	169	156	162	---	---	---	109	108	109	111	110	110
20	167	159	164	---	---	---	112	108	110	114	110	112
21	180	159	165	---	---	---	110	107	108	118	111	114
22	182	173	179	---	---	---	110	108	109	120	116	118
23	172	155	164	---	---	---	111	107	109	125	120	122
24	173	156	167	---	---	---	115	107	109	127	120	123
25	174	167	171	---	---	---	109	106	108	130	126	128
26	172	169	171	---	---	---	112	105	109	128	120	125
27	172	169	171	---	---	---	111	104	109	124	120	122
28	170	168	169	136	130	133	108	106	107	124	110	118
29	172	159	167	134	126	130	108	103	105	124	110	118
30	167	161	164	133	129	130	109	102	105	124	120	122
31	167	158	162	---	---	---	108	101	104	122	121	122
MONTH	182	136	167	164	126	151	133	78	104	130	95	109

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	122	112	119	136	130	134	139	132	137	145	142	143
2	124	118	122	139	132	136	138	132	136	146	128	139
3	123	120	122	140	134	137	137	132	135	148	127	139
4	123	116	120	140	134	138	134	126	130	145	128	134
5	123	117	120	140	136	138	137	130	133	132	124	127
6	124	120	122	144	139	142	137	132	134	127	123	126
7	125	120	122	150	130	137	138	132	135	129	122	125
8	122	120	121	145	136	140	140	130	135	130	122	127
9	122	117	121	146	138	142	142	136	138	156	121	141
10	122	118	120	145	138	141	143	139	142	153	131	141
11	119	112	115	142	129	135	143	141	142	138	131	135
12	123	119	121	152	130	139	142	132	138	137	131	133
13	119	114	117	142	136	139	147	138	141	164	130	145
14	118	114	116	140	119	131	142	124	134	165	150	158
15	119	114	116	136	134	135	145	128	137	160	134	144
16	120	116	118	135	129	133	140	136	138	139	129	133
17	118	114	116	130	114	120	138	136	137	156	130	144
18	116	114	115	125	113	116	140	130	137	161	145	154
19	116	112	114	128	126	127	142	130	135	163	154	156
20	119	114	117	130	127	129	143	134	139	165	133	153
21	118	116	117	131	118	125	143	140	141	134	129	131
22	120	116	118	131	126	129	143	120	129	156	129	141
23	122	118	120	133	130	132	140	133	136	160	150	155
24	122	116	121	130	110	119	143	134	139	159	137	147
25	128	120	124	118	110	114	146	141	143	164	152	160
26	132	128	129	132	104	122	149	121	131	168	134	146
27	133	127	131	136	127	132	143	121	133	153	130	134
28	134	130	132	138	134	136	150	141	144	157	144	151
29	---	---	---	140	134	137	151	137	143	155	150	152
30	---	---	---	137	130	135	142	138	141	162	155	158
31	---	---	---	133	121	128	---	---	---	167	141	159
MONTH	134	112	120	152	104	132	151	120	137	168	121	143

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	163	138	148	208	201	203	222	216	218	197	151	175
2	164	156	160	206	181	201	221	215	217	179	166	175
3	173	164	169	203	179	191	226	218	221	187	177	182
4	177	163	170	180	173	177	235	207	222	190	171	180
5	177	170	174	183	178	180	239	228	231	190	169	184
6	175	170	172	186	180	182	239	207	232	196	175	187
7	179	170	175	211	180	194	235	203	212	191	171	179
8	188	147	161	213	205	209	211	203	206	182	164	177
9	176	147	155	211	204	207	230	202	213	189	159	179
10	176	166	170	215	200	208	238	212	228	177	164	173
11	170	166	169	213	186	200	237	230	232	170	162	166
12	180	169	173	195	188	192	243	230	237	171	159	164
13	182	170	177	200	190	194	231	220	226	169	160	163
14	189	179	184	221	192	196	226	182	196	171	161	165
15	190	167	181	229	192	215	210	171	190	168	149	154
16	168	159	161	222	203	214	226	203	212	164	151	157
17	166	158	161	215	184	193	235	203	220	165	146	155
18	165	162	163	221	189	198	233	222	230	155	146	151
19	182	161	167	224	194	206	231	192	213	187	154	177
20	181	162	174	227	218	222	210	193	207	182	143	162
21	185	167	176	230	219	222	212	205	209	148	142	145
22	190	180	184	227	220	222	211	200	206	166	147	158
23	203	168	181	229	221	224	212	202	208	165	151	155
24	197	169	188	227	200	220	202	198	200	154	150	152
25	196	178	190	228	221	224	198	190	194	176	151	160
26	196	186	190	232	224	227	190	183	187	188	171	179
27	194	189	192	232	220	226	183	172	177	177	157	169
28	201	193	197	230	206	215	176	167	172	186	172	180
29	204	195	199	222	214	219	168	158	161	187	153	170
30	206	197	202	218	213	215	169	161	166	155	152	153
31	---	---	---	219	212	215	193	160	174	---	---	---
MONTH	206	138	175	232	173	207	243	158	207	197	142	168
YEAR	243	78	152									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.80	6.80	6.70	6.70	6.30	6.30	6.50	6.40	6.40	6.30	6.40	6.40
2	6.80	6.60	6.70	6.70	6.30	6.20	6.40	6.30	6.70	6.40	6.40	6.40
3	6.60	6.60	6.70	6.70	6.30	6.20	6.40	6.30	6.60	6.60	6.40	6.30
4	6.70	6.60	6.80	6.70	6.30	6.30	6.40	6.30	6.60	6.50	6.40	6.40
5	6.70	6.70	6.80	6.80	6.30	6.20	6.50	6.40	6.70	6.50	6.40	6.20
6	6.80	6.70	6.80	6.70	6.30	6.20	6.50	6.40	6.70	6.70	6.20	6.20
7	6.80	6.80	6.80	6.70	6.30	6.30	6.50	6.50	6.70	6.60	6.30	6.20
8	6.90	6.80	6.90	6.70	6.30	6.30	6.50	6.50	6.60	6.60	6.50	6.30
9	6.80	6.80	6.90	6.70	6.30	6.30	6.60	6.50	6.60	6.60	6.50	6.40
10	6.80	6.80	6.70	6.60	6.30	6.10	6.60	6.50	6.60	6.40	6.40	6.30
11	6.80	6.70	6.80	6.70	6.20	6.10	6.60	6.50	6.60	6.40	6.30	6.20
12	6.80	6.70	6.90	6.80	6.20	6.10	6.60	6.60	6.70	6.60	6.50	6.30
13	6.80	6.70	6.90	6.80	6.20	6.10	6.60	6.60	6.70	6.60	6.40	6.30
14	6.70	6.60	---	---	6.20	6.10	6.70	6.60	6.70	6.60	6.50	6.20
15	6.70	6.60	---	---	6.10	6.00	6.60	6.50	6.70	6.60	6.50	6.50
16	6.80	6.70	---	---	6.10	6.00	6.50	6.30	6.70	6.60	6.50	6.50
17	6.80	6.70	---	---	6.30	6.10	6.40	6.30	6.60	6.50	6.40	6.30
18	6.80	6.70	---	---	6.30	6.20	6.60	6.40	6.60	6.50	6.40	6.20
19	6.80	6.70	---	---	6.30	6.20	6.60	6.60	6.60	6.40	6.40	6.40
20	6.70	6.70	---	---	6.30	6.20	6.60	6.60	6.70	6.60	6.40	6.40
21	6.70	6.60	---	---	6.40	6.30	6.70	6.60	6.70	6.70	6.40	6.30
22	6.70	6.70	---	---	6.40	6.30	6.70	6.60	6.70	6.60	6.50	6.30
23	6.70	6.60	---	---	6.30	6.30	6.70	6.60	6.70	6.60	6.50	6.40
24	6.80	6.70	---	---	6.30	6.30	6.70	6.60	6.70	6.60	6.40	6.10
25	6.80	6.70	---	---	6.30	6.30	6.70	6.70	6.60	6.40	6.20	6.10
26	6.80	6.70	---	---	6.30	6.30	6.70	6.60	6.50	6.40	6.30	6.20
27	6.80	6.70	---	---	6.50	6.30	6.60	6.50	6.50	6.40	6.30	6.30
28	6.80	6.70	6.30	6.20	6.40	6.40	6.50	6.30	6.50	6.40	6.30	6.30
29	6.80	6.50	6.30	6.30	6.40	6.30	6.60	6.30	---	---	6.30	6.30
30	6.50	6.50	6.30	6.30	6.30	6.30	6.60	6.50	---	---	6.30	6.10
31	6.70	6.50	---	---	6.50	6.30	6.50	6.40	---	---	6.10	6.10
MONTH	6.90	6.50	6.90	6.20	6.50	6.00	6.70	6.30	6.70	6.30	6.50	6.10

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.30	6.20	6.80	6.70	7.00	6.90	7.20	7.10	7.10	7.00	6.60	6.60
2	6.30	6.10	6.70	6.60	7.10	7.00	7.30	7.10	7.10	6.90	6.70	6.60
3	6.20	6.10	6.70	6.60	7.10	7.00	7.30	7.30	6.90	6.70	6.80	6.70
4	6.10	6.10	6.70	6.60	7.10	7.10	7.20	7.10	6.80	6.60	6.80	6.70
5	6.20	6.20	6.70	6.60	7.10	7.00	7.20	7.00	6.60	6.50	6.80	6.70
6	6.20	6.20	6.70	6.70	7.00	6.90	7.00	6.80	6.50	6.40	6.80	6.80
7	6.20	6.10	6.80	6.70	7.00	6.90	7.10	6.80	6.40	6.40	6.80	6.80
8	6.20	6.10	6.80	6.70	7.00	6.80	7.10	7.00	6.40	6.30	6.80	6.80
9	6.50	6.20	6.90	6.80	7.00	6.80	7.10	7.00	6.40	6.30	6.80	6.80
10	6.60	6.50	7.00	6.90	7.00	6.90	7.10	7.00	6.40	6.40	6.90	6.80
11	6.50	6.40	7.00	6.90	7.10	7.00	7.00	6.90	6.50	6.40	6.90	6.80
12	6.40	6.30	6.90	6.80	7.10	7.00	7.30	6.90	6.40	6.30	6.90	6.80
13	6.30	6.30	7.10	6.90	7.10	7.00	7.20	7.00	6.30	6.30	7.00	6.90
14	6.30	6.30	7.20	7.10	7.10	7.00	7.20	7.00	6.30	6.20	7.00	6.90
15	6.50	6.30	7.20	7.00	7.10	7.00	7.30	7.10	6.20	6.20	7.00	6.90
16	6.60	6.50	7.10	7.00	7.00	6.90	7.20	6.80	6.30	6.20	7.00	6.90
17	6.50	6.50	7.20	7.10	7.10	6.90	7.10	6.90	6.40	6.30	7.00	6.90
18	6.50	6.40	7.30	7.20	7.10	7.00	7.40	6.80	6.40	6.30	7.00	6.90
19	6.50	6.40	7.30	7.20	7.10	7.10	7.40	7.30	6.30	6.30	7.00	7.00
20	6.50	6.40	7.20	7.10	7.20	7.00	7.50	7.30	6.30	6.30	7.00	7.00
21	6.50	6.30	7.10	7.10	7.20	7.10	7.50	7.20	6.30	6.20	7.00	6.90
22	6.40	6.30	7.20	7.10	7.20	7.10	7.50	7.20	6.30	6.30	7.00	7.00
23	6.60	6.40	7.30	7.20	7.20	7.10	7.70	7.10	6.30	6.30	7.00	6.90
24	6.60	6.50	7.30	7.20	7.20	7.20	7.60	6.90	6.30	6.30	6.90	6.90
25	6.50	6.40	7.30	7.30	7.20	7.10	7.70	7.10	6.30	6.30	7.00	6.80
26	6.40	6.30	7.30	7.10	7.20	7.10	7.70	7.20	6.30	6.30	6.90	6.80
27	6.60	6.40	7.20	7.00	7.30	7.10	7.60	7.10	6.50	6.30	6.90	6.80
28	6.60	6.50	7.30	7.20	7.40	7.30	7.60	7.10	6.60	6.50	6.90	6.80
29	6.70	6.60	7.30	6.80	7.40	7.30	7.20	6.90	6.60	6.60	7.00	6.90
30	6.70	6.60	7.00	7.00	7.30	7.10	7.20	7.10	6.60	6.60	7.00	6.90
31	---	---	7.00	6.90	---	---	7.20	7.00	6.60	6.60	---	---
MONTH	6.70	6.10	7.30	6.60	7.40	6.80	7.70	6.80	7.10	6.20	7.00	6.60
YEAR	7.70	6.00										

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	23.0	23.0	20.5	19.5	20.0	17.0	16.5	16.5	9.0	8.0	8.5
2	24.0	23.0	23.5	20.5	20.0	20.0	16.5	16.0	16.5	9.0	8.0	8.5
3	24.5	22.5	24.0	20.5	20.0	20.0	16.0	15.0	15.5	9.5	8.5	9.0
4	25.5	24.0	24.5	20.0	19.5	20.0	15.0	14.0	14.5	9.5	9.0	9.0
5	25.0	24.5	24.5	19.5	18.5	18.5	14.0	13.5	13.5	9.5	8.5	9.0
6	24.5	22.5	23.5	18.5	18.0	18.5	13.5	13.5	13.5	8.5	7.5	8.0
7	22.5	21.5	22.0	18.0	17.5	18.0	13.5	13.0	13.0	7.5	7.5	7.5
8	22.5	20.5	22.0	18.0	17.5	17.5	13.0	12.5	13.0	7.5	6.5	7.0
9	22.5	21.0	22.0	17.5	17.0	17.0	13.0	12.5	13.0	6.5	6.5	6.5
10	23.0	22.0	22.5	17.0	16.5	16.5	13.0	12.5	13.0	7.0	6.5	6.5
11	23.5	22.5	23.0	17.5	17.0	17.5	13.0	12.5	13.0	7.5	6.5	7.0
12	23.5	23.0	23.0	17.5	17.5	17.5	13.0	13.0	13.0	7.0	6.5	7.0
13	24.0	23.0	23.5	17.5	17.5	17.5	13.0	13.0	13.0	7.0	6.5	7.0
14	24.5	23.0	24.0	---	---	---	13.0	12.0	12.5	7.0	6.5	6.5
15	24.5	23.5	24.0	---	---	---	12.0	10.5	11.5	6.5	6.0	6.5
16	24.0	23.0	23.5	---	---	---	10.5	10.0	10.5	7.0	6.0	6.5
17	23.0	22.5	23.0	---	---	---	10.0	9.5	10.0	8.0	7.0	7.5
18	23.5	22.5	23.0	---	---	---	11.0	10.0	10.5	8.0	7.5	8.0
19	23.0	22.5	23.0	---	---	---	10.0	10.0	10.0	8.0	7.5	8.0
20	23.5	22.5	23.0	---	---	---	10.0	9.0	9.5	8.0	7.5	7.5
21	23.5	22.5	23.0	---	---	---	9.5	9.0	9.5	7.5	7.0	7.0
22	22.5	20.5	21.5	---	---	---	9.0	8.5	9.0	7.5	7.0	7.5
23	20.5	20.0	20.5	---	---	---	9.5	8.5	9.0	8.0	7.5	7.5
24	21.5	19.5	20.5	---	---	---	10.5	8.5	9.5	7.5	7.0	7.5
25	22.5	21.5	22.0	---	---	---	10.0	9.5	9.5	7.0	7.0	7.0
26	22.5	22.0	22.0	---	---	---	9.0	7.5	8.0	7.5	7.0	7.0
27	22.0	21.0	21.5	---	---	---	7.5	7.0	7.5	7.0	6.0	6.5
28	21.5	21.0	21.0	17.5	17.0	17.5	8.0	7.0	7.5	5.5	4.5	5.0
29	20.5	19.0	19.5	17.5	17.5	17.5	9.0	8.0	8.5	5.0	4.0	4.5
30	18.5	17.5	18.0	17.5	17.0	17.5	9.0	8.0	8.5	6.0	4.5	5.5
31	19.0	17.5	18.0	---	---	---	8.5	7.5	8.0	6.5	5.5	6.0
MONTH	25.5	17.5	22.5	20.5	16.5	18.0	17.0	7.0	11.5	9.5	4.0	7.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	6.5	7.0	11.0	10.5	10.5	17.5	16.5	17.0	23.0	21.0	22.0
2	8.0	7.0	7.5	10.5	9.5	10.0	18.0	16.0	17.0	24.0	22.0	23.0
3	9.0	7.5	8.5	11.0	9.5	10.5	19.5	18.0	19.0	23.5	22.0	23.0
4	10.0	8.5	9.5	11.5	10.5	11.0	20.0	19.0	19.5	22.5	21.0	22.0
5	10.0	8.0	9.0	12.0	10.5	11.0	20.0	19.0	19.5	23.0	20.5	21.5
6	8.5	8.0	8.5	12.5	11.5	12.0	20.5	18.5	19.5	23.5	21.5	22.5
7	8.5	8.0	8.5	13.0	11.0	12.0	20.5	19.0	20.0	25.5	23.0	24.0
8	9.5	8.5	9.0	12.0	10.5	11.0	20.5	19.5	20.0	25.5	24.0	24.5
9	9.0	8.5	8.5	12.0	10.5	11.5	19.5	17.0	18.5	25.5	24.0	25.0
10	9.0	8.0	8.5	13.5	12.0	13.0	17.5	16.5	17.0	24.5	23.0	24.0
11	9.0	8.5	9.0	16.0	13.5	15.0	17.5	16.0	17.0	24.0	22.0	23.0
12	8.5	8.0	8.5	16.0	14.5	15.0	18.0	17.0	17.5	23.5	23.0	23.0
13	8.5	8.0	8.0	17.0	15.0	16.5	19.0	17.5	18.0	23.5	22.5	23.0
14	8.0	7.5	8.0	18.0	14.0	17.0	20.0	18.0	19.0	23.5	22.5	23.0
15	8.5	7.5	8.0	13.5	12.0	13.0	19.5	18.5	19.0	24.0	22.5	23.5
16	9.0	8.0	8.5	13.5	13.0	13.5	18.5	18.0	18.0	24.5	23.0	24.0
17	10.0	8.5	9.5	14.5	13.5	14.0	18.0	17.0	17.5	25.0	23.5	24.0
18	11.5	10.0	10.5	15.5	14.0	15.0	18.5	16.5	17.5	23.5	22.0	23.0
19	11.5	10.5	11.0	15.5	15.0	15.0	18.5	17.0	18.0	23.5	22.5	23.0
20	10.5	10.0	10.5	15.0	14.0	14.5	20.0	18.5	19.0	24.5	23.0	23.5
21	11.0	10.5	11.0	14.0	13.5	14.0	21.0	19.5	20.0	25.0	23.5	24.0
22	11.5	11.0	11.5	14.0	13.5	13.5	20.0	19.5	20.0	25.0	23.0	24.0
23	11.5	10.5	11.0	14.0	13.0	13.5	19.5	17.5	18.5	24.0	22.5	23.5
24	11.5	10.5	11.0	14.0	12.0	13.5	18.5	16.5	17.5	25.5	23.0	24.0
25	11.5	10.5	11.0	15.0	13.5	14.5	19.5	17.5	18.5	25.5	24.0	25.0
26	10.5	10.0	10.0	16.5	14.0	15.5	21.5	19.0	20.0	26.0	25.0	25.5
27	11.5	10.0	11.0	17.0	15.5	16.0	23.0	21.0	22.0	26.0	25.0	25.5
28	11.5	10.5	11.0	16.0	15.5	15.5	24.0	22.0	23.0	25.0	24.5	25.0
29	---	---	---	16.5	15.0	16.0	24.0	23.0	23.5	25.0	24.0	24.5
30	---	---	---	17.5	15.5	16.5	23.0	21.5	22.5	26.5	24.5	25.5
31	---	---	---	18.5	17.0	17.5	---	---	---	27.5	25.5	26.5
MONTH	11.5	6.5	9.5	18.5	9.5	14.0	24.0	16.0	19.0	27.5	20.5	24.0

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	26.5	27.5	30.5	29.5	30.0	31.5	31.0	31.5	24.0	22.5	23.0
2	28.0	27.0	27.5	30.5	29.5	30.0	31.5	30.0	30.5	25.5	24.0	24.5
3	27.0	25.5	26.0	30.0	28.5	29.5	31.0	29.5	30.5	26.5	25.5	26.0
4	25.5	24.5	25.0	30.0	28.5	29.5	30.5	29.5	30.0	26.5	26.0	26.0
5	26.0	24.0	25.0	29.5	28.5	29.0	30.5	29.0	29.5	26.0	25.5	25.5
6	27.0	25.5	26.0	29.5	28.5	29.0	30.5	29.5	30.0	26.0	25.0	25.5
7	28.0	27.0	27.5	30.5	28.5	29.5	30.5	29.0	30.0	25.5	25.0	25.5
8	29.0	27.0	28.0	31.5	30.0	30.5	31.0	29.5	30.0	26.5	25.0	25.5
9	29.5	28.0	28.5	32.0	30.0	31.0	30.5	29.0	30.0	26.0	25.0	25.5
10	28.5	27.5	28.5	31.5	30.0	30.5	31.0	30.0	30.5	26.0	24.5	25.0
11	27.5	26.5	27.0	31.0	30.0	30.5	31.0	29.5	30.5	26.0	25.0	25.5
12	29.0	26.5	27.5	31.0	30.0	30.5	30.0	29.5	29.5	26.5	25.5	26.0
13	29.5	27.5	28.5	31.5	30.0	31.0	29.5	28.5	29.0	27.0	26.0	26.5
14	29.0	27.5	28.5	31.5	30.5	31.0	28.5	28.0	28.5	27.0	25.5	26.0
15	29.0	28.0	28.5	31.5	30.0	31.0	28.5	27.5	28.0	26.5	25.0	25.5
16	28.5	27.5	28.0	31.0	30.0	30.5	29.5	28.0	29.0	27.0	25.5	26.0
17	29.0	27.0	28.0	31.0	29.5	30.5	30.5	29.0	30.0	26.0	25.0	25.5
18	28.5	27.5	28.0	32.5	30.5	31.5	30.0	29.5	30.0	25.5	24.0	25.0
19	28.5	27.0	27.5	33.0	31.0	32.0	29.5	28.5	29.0	26.0	24.5	25.0
20	29.0	27.5	28.5	33.0	31.5	32.5	29.0	28.5	28.5	26.5	25.0	26.0
21	29.0	28.0	28.5	32.5	31.5	32.0	29.0	28.0	28.5	27.5	25.5	26.5
22	29.0	27.5	28.5	32.0	30.5	31.5	29.0	28.5	28.5	28.0	26.5	27.0
23	29.0	27.5	28.5	32.0	30.5	31.0	29.0	28.5	28.5	28.0	27.0	27.5
24	29.0	28.0	28.5	31.5	30.5	31.0	28.5	28.0	28.5	28.0	26.5	27.5
25	29.0	27.5	28.5	31.5	30.0	31.0	28.0	28.0	28.0	28.5	27.0	28.0
26	29.5	28.0	28.5	31.0	29.5	30.0	28.0	27.5	27.5	28.0	27.0	27.5
27	29.0	28.0	28.5	31.0	29.5	30.5	28.0	27.0	27.5	28.0	27.0	27.5
28	29.5	28.0	28.5	31.5	30.0	30.5	28.0	27.0	27.5	28.0	27.0	27.5
29	30.0	28.5	29.0	32.5	30.5	31.5	27.0	25.5	26.0	28.5	27.5	28.0
30	30.0	29.0	29.5	32.5	31.0	31.5	25.5	23.5	24.5	28.0	27.0	27.5
31	---	---	---	32.0	30.5	31.5	23.5	22.5	23.0	---	---	---
MONTH	30.0	24.0	28.0	33.0	28.5	30.5	31.5	22.5	29.0	28.5	22.5	26.0
YEAR	33.0	4.0	20.0									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.5	7.3	7.4	7.1	6.9	6.9	7.2	6.9	7.0	11.0	10.7	10.7
2	7.3	6.9	7.1	7.1	6.6	6.9	7.2	7.1	7.2	10.7	10.5	10.6
3	7.0	6.7	6.8	6.8	6.6	6.6	7.5	7.2	7.3	10.7	10.4	10.6
4	7.2	6.7	6.9	6.7	6.6	6.6	7.7	7.5	7.6	10.4	10.3	10.3
5	6.9	6.5	6.7	6.8	6.6	6.7	7.6	7.5	7.6	10.6	10.4	10.5
6	6.8	6.5	6.7	6.8	6.7	6.8	7.8	7.5	7.6	10.8	10.6	10.8
7	7.4	6.8	7.2	6.8	6.7	6.7	8.0	7.7	7.9	11.0	10.8	10.8
8	7.8	7.4	7.7	7.3	6.8	7.1	8.1	8.0	8.1	11.1	10.8	10.9
9	7.7	7.5	7.6	7.3	7.0	7.2	8.3	8.1	8.3	11.2	11.0	11.1
10	7.6	7.4	7.5	7.2	7.0	7.1	8.8	8.3	8.5	11.2	11.0	11.2
11	7.5	7.2	7.4	7.3	7.2	7.2	8.8	8.6	8.7	11.1	10.9	11.0
12	7.3	7.2	7.2	7.3	7.1	7.3	8.8	8.6	8.7	11.0	10.9	11.0
13	7.3	7.1	7.2	7.1	7.0	7.1	8.8	8.6	8.8	11.0	10.9	11.0
14	7.1	6.8	7.0	---	---	---	8.8	8.2	8.5	11.2	11.0	11.1
15	7.2	6.8	6.9	---	---	---	8.7	8.4	8.5	11.2	11.0	11.1
16	6.9	6.7	6.8	---	---	---	9.3	8.6	9.0	11.0	10.6	10.9
17	7.0	6.7	6.9	---	---	---	10.3	9.2	9.5	10.8	10.5	10.6
18	7.1	6.8	7.0	---	---	---	10.1	9.7	9.8	11.2	10.7	11.0
19	7.1	6.9	7.0	---	---	---	10.0	9.8	9.8	11.1	10.8	11.0
20	7.1	6.9	7.0	---	---	---	10.3	10.0	10.1	11.0	10.8	10.9
21	7.0	6.9	6.9	---	---	---	10.3	10.1	10.1	11.1	10.8	11.0
22	7.5	7.0	7.3	---	---	---	10.4	10.2	10.2	11.1	11.0	11.0
23	7.7	7.5	7.6	---	---	---	10.4	10.1	10.2	11.1	10.8	11.0
24	7.8	7.0	7.4	---	---	---	10.6	9.9	10.2	11.0	10.8	10.9
25	7.2	6.8	7.0	---	---	---	10.1	9.9	10.0	11.2	11.0	11.1
26	6.8	6.6	6.6	---	---	---	10.6	10.0	10.4	11.1	10.8	11.0
27	7.0	6.6	6.9	---	---	---	11.0	10.6	10.8	10.8	10.7	10.8
28	7.2	7.0	7.1	6.6	6.5	6.5	11.0	10.7	10.8	10.8	10.7	10.8
29	7.4	7.2	7.3	6.9	6.7	6.8	10.9	10.3	10.6	11.9	10.9	11.4
30	7.4	7.3	7.4	7.0	6.9	6.9	10.8	10.3	10.6	11.7	11.4	11.6
31	7.8	7.2	7.6	---	---	---	11.1	10.6	10.9	11.4	11.0	11.2
MONTH	7.8	6.5	7.1	7.3	6.5	6.9	11.1	6.9	9.1	11.9	10.3	10.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	10.7	10.8	9.7	9.6	9.7	8.4	8.0	8.2	7.7	7.3	7.6
2	11.6	11.0	11.3	10.0	9.6	9.8	7.9	7.4	7.7	7.4	7.2	7.3
3	11.2	10.8	11.1	9.9	9.7	9.8	7.4	7.0	7.2	7.5	7.2	7.4
4	11.0	10.6	10.8	9.9	9.7	9.8	7.2	7.0	7.1	7.8	7.4	7.6
5	11.0	10.5	10.8	9.7	9.3	9.5	7.8	7.2	7.5	7.8	7.5	7.7
6	11.0	10.8	10.9	9.2	8.9	9.0	7.7	7.2	7.4	7.6	7.4	7.5
7	10.8	10.6	10.7	9.2	8.9	9.0	7.3	7.1	7.2	7.8	7.5	7.6
8	10.6	10.2	10.5	9.9	9.0	9.7	7.2	6.8	7.1	7.6	7.5	7.5
9	10.7	10.2	10.6	9.9	9.6	9.7	8.2	7.0	7.5	7.5	7.2	7.4
10	10.5	10.2	10.4	9.6	8.9	9.3	8.3	7.8	8.1	7.5	7.1	7.4
11	10.6	10.2	10.3	8.9	8.4	8.6	8.2	7.7	8.0	7.7	7.5	7.6
12	10.7	10.6	10.7	9.3	8.2	8.9	7.8	7.6	7.7	7.6	7.4	7.5
13	10.8	10.6	10.7	9.0	8.0	8.5	7.8	7.4	7.6	7.8	7.5	7.6
14	10.9	10.7	10.8	9.2	7.8	8.1	7.5	7.4	7.5	7.7	7.3	7.6
15	10.8	10.7	10.8	9.4	9.3	9.3	7.9	7.2	7.6	7.7	7.2	7.5
16	10.9	10.5	10.7	9.3	9.2	9.2	7.7	7.5	7.6	7.4	7.0	7.3
17	10.6	10.3	10.5	9.1	8.4	8.7	7.6	7.5	7.6	7.4	7.0	7.2
18	10.3	9.9	10.1	8.8	8.4	8.6	7.8	7.6	7.7	7.3	6.8	7.1
19	10.0	9.6	9.8	9.0	8.5	8.9	8.0	7.8	7.9	7.2	6.9	7.1
20	10.4	10.1	10.3	9.0	8.6	8.8	7.9	7.2	7.6	7.4	7.0	7.3
21	10.2	10.0	10.2	8.8	8.6	8.7	7.2	6.8	7.0	7.2	7.1	7.2
22	10.2	9.7	10.0	9.0	8.8	8.9	7.3	6.8	7.0	7.5	7.1	7.3
23	10.1	9.8	9.9	9.0	8.8	8.9	7.9	7.1	7.6	7.7	7.1	7.5
24	10.0	9.7	9.9	8.8	8.2	8.5	8.0	7.8	8.0	7.8	7.5	7.7
25	10.0	9.5	9.8	8.2	8.0	8.1	8.1	7.6	7.9	7.9	7.5	7.8
26	10.1	9.9	10.0	8.5	8.2	8.4	7.6	7.3	7.5	7.5	7.2	7.4
27	10.2	9.8	10.0	8.3	8.0	8.2	7.5	7.3	7.4	7.6	7.3	7.4
28	10.0	9.7	9.8	8.6	8.1	8.3	7.4	7.1	7.3	7.8	7.4	7.6
29	---	---	---	8.6	8.2	8.4	7.5	7.0	7.2	7.7	7.5	7.6
30	---	---	---	8.2	7.7	7.9	7.6	7.4	7.5	7.7	7.4	7.5
31	---	---	---	8.0	7.5	7.6	---	---	---	7.6	7.3	7.4
MONTH	11.6	9.5	10.4	10.0	7.5	8.9	8.4	6.8	7.5	7.9	6.8	7.5

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.6	7.2	7.4	6.4	5.7	6.0	6.3	5.7	6.0	6.9	6.7	6.8
2	7.6	7.3	7.5	6.5	5.8	6.2	6.3	5.7	6.0	6.9	6.4	6.7
3	7.6	7.3	7.5	6.5	5.9	6.2	6.2	5.7	5.9	6.4	6.3	6.3
4	7.9	7.5	7.8	6.7	5.9	6.2	5.9	5.6	5.7	6.6	6.2	6.4
5	7.9	7.7	7.8	6.6	5.9	6.2	6.2	5.5	5.8	6.4	6.2	6.3
6	7.9	7.7	7.8	6.6	6.0	6.3	6.1	5.9	6.0	6.5	6.2	6.3
7	7.8	7.5	7.6	6.7	6.1	6.4	6.6	5.9	6.3	6.4	6.1	6.2
8	7.5	7.2	7.4	6.6	5.9	6.2	6.7	6.2	6.4	6.2	6.1	6.2
9	7.5	7.3	7.4	6.3	5.7	6.0	6.6	6.2	6.3	6.4	6.2	6.3
10	7.4	7.2	7.3	6.2	5.7	5.9	6.1	5.2	5.7	6.9	6.5	6.7
11	7.3	7.0	7.1	6.6	5.7	6.1	6.7	6.0	6.2	6.9	6.7	6.8
12	7.1	6.7	7.0	6.5	5.8	6.1	6.2	5.8	6.0	6.8	6.5	6.7
13	6.9	6.7	6.8	7.1	5.9	6.4	6.5	5.9	6.2	6.5	6.4	6.4
14	6.7	6.4	6.6	6.5	6.0	6.3	6.4	6.0	6.2	6.5	6.3	6.4
15	6.4	6.1	6.3	6.4	5.8	6.0	6.7	6.3	6.4	6.4	6.3	6.4
16	6.3	6.1	6.2	6.2	5.7	6.0	6.4	5.7	6.2	6.7	6.2	6.5
17	6.3	6.1	6.2	6.1	5.7	5.9	6.0	5.7	5.9	6.6	6.1	6.4
18	6.2	5.9	6.1	6.3	5.4	5.8	6.4	5.9	6.1	7.0	6.5	6.8
19	6.0	5.9	6.0	6.2	5.4	5.8	6.5	5.4	6.1	7.0	6.5	6.8
20	6.1	5.8	5.9	6.2	5.4	5.[illegible]	5.4	5.0	5.2	6.6	6.2	6.5
21	6.0	5.9	5.9	6.0	5.4	5.7	5.4	5.2	5.3	6.3	6.1	6.2
22	6.0	5.8	5.9	6.1	5.5	5.7	5.3	5.2	5.3	6.6	6.3	6.4
23	6.0	5.8	5.9	6.1	5.5	5.8	5.2	4.8	4.9	6.6	6.3	6.4
24	6.0	5.9	5.9	5.8	5.3	5.6	5.0	4.7	4.9	6.7	6.3	6.5
25	6.1	5.8	6.0	5.5	5.3	5.4	4.9	4.6	4.7	6.8	6.4	6.6
26	6.1	5.8	6.0	5.7	5.1	5.4	5.0	4.7	4.8	6.3	6.0	6.1
27	6.1	5.9	6.0	6.3	5.4	5.9	4.6	4.2	4.3	6.1	5.7	5.9
28	6.1	5.9	6.0	6.3	5.8	6.0	5.2	4.4	4.8	6.4	5.9	6.1
29	6.2	5.9	6.1	6.1	5.6	5.8	5.4	5.0	5.2	6.5	6.3	6.4
30	6.4	6.0	6.2	6.3	5.7	6.0	5.0	5.5	5.8	6.9	6.3	6.6
31	---	---	---	6.4	5.8	6.0	6.9	6.0	6.5	---	---	---
MONTH	7.9	5.8	6.7	7.1	5.1	6.0	6.9	4.2	5.7	7.0	5.7	6.4
YEAR	11.9	4.2	7.8									

02153500 BROAD RIVER NEAR GAFFNEY, SC

LOCATION.--Lat 35°05'20'', long 81°34'20'', Cherokee County, on right bank at downstream side of bridge on U.S. Highway 29, 0,3 mile upstream from Cherokee Creek, 4.4 miles downstream from Gaston Shoals Dam, 4.5 miles east of Gaffney, and at mile 270.3.

DRAINAGE AREA.--1,490 mi^2, approximately.

PERIOD OF RECORD.--July 1896 to December 1899 (gage heights and discharge measurements only), October 1938 to September 1971, October 1971 to May 1986 (Crest-Stage partial record), June 1986 to September 1986. Monthly discharge only for some periods, published in WSP 1303. Discharge for July 12, 1896 to December 31, 1899, published in the 18th, 19th and 21st Annual Reports, Part 4, have been found to be unreliable and should not be used.

GAGE.--Water-stage recorder. Datum of gage is 539.10 ft above National Geodetic Vertical Datum of 1929. July 12, 1896 to December 31, 1899, nonrecording gages at sites 1.1 miles upstream at different datum.

REMARKS.--No estimated daily discharges. Records poor. Some regulation at medium and low flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--33 years (1938-71), 2,472 ft^3/s, 22.53 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 119,000 ft^3/s, Aug. 14, 1940, gage height, 19.78 ft, by computation of flow over Gaston Shoals Dam; minimum, 100 ft^3/s, July 8, 1986, gage height, 2.13 ft; minimum daily, 224 ft^3/s, Oct. 24, 1954.

EXTREMES FOR CURRENT YEAR.--No peak discharges greater than base of 16,000 ft^3/s. Maximum discharge, 10,900 ft^3/s, Aug. 18, gage height, 7.57 ft; minimum, 100 ft^3/s, July 8, gage height, 2.13 ft; minimum daily 261 ft^3/s, July 15.

EXTREMES FUR CURRENT YEAR.--Peak discharges greater then base discharge of 16,000 ft^3/s, and maximum (*):

Date	Time	Disharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft^3/s)
Aug. 18	1545	*10,900	*7.67				

Minimum discharge, 100 ft^3/s, July 8; minimum gage height, 2.13 ft; minimum daily 261 ft^3/s, July 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									---	635	549	887
2									---	590	464	2070
3									---	703	426	3890
4									---	670	413	4440
5									---	647	676	3780
6									---	513	669	3760
7									---	410	993	2310
8									---	345	1310	1690
9									739	527	909	1470
10									710	436	819	1430
11									1210	548	578	1250
12									1870	328	636	1440
13									1870	327	1910	1180
14									1180	459	1880	1040
15									913	261	997	1010
16									687	427	851	850
17									627	405	888	953
18									1100	615	8070	968
19									673	284	5590	982
20									696	314	4110	797
21									713	488	2290	890
22									720	340	1490	817
23									592	404	4670	912
24									576	444	4810	842
25									740	579	2370	909
26									591	547	1350	883
27									709	571	1160	757
28									565	726	1070	971
29									574	758	1010	668
30									532	638	929	707
31									---	650	885	---
TOTAL									---	15669	54772	44553
MEAN									---	505	1767	1485
MAX									---	758	8070	4440
MIN									---	261	413	668

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45", long 81°23'17", York County, Hydrologic Unit 03050105, at Road 55 bridge 3.0 mi northeast of Smyrna and 10.1 mi northwest of York, SC.

DRAINAGE AREA.--24.1 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 565 ft (topographic map).

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--6 years, 21.8 ft^3/s, 12.3 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,890 ft^3/s, (estimated based on rating curve extended above 300 ft^3/s). Aug. 17, 1985, gage height, 13.22 ft; minimum daily 1.1 ft^3/s, Sept. 20-31, 1981, and Sept. 12-13 and 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,240 ft^3/s, Nov. 21, gage height, 11.13 ft; minimum daily 1.7 ft^3/s, July 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	65	93	16	12	12	13	8.9	12	15	2.0	4.7
2	12	46	67	14	12	12	13	8.6	8.9	7.5	1.9	5.8
3	12	22	32	14	12	12	13	8.2	49	6.4	2.4	19
4	8.8	37	23	13	12	12	12	8.0	12	4.7	2.6	14
5	6.5	29	21	14	13	16	13	8.1	9.0	4.0	17	8.2
6	5.7	17	20	13	14	14	14	8.4	7.9	3.5	6.4	6.5
7	5.1	13	18	12	15	12	12	8.4	7.1	3.4	4.4	5.2
8	4.8	11	17	12	13	12	13	8.3	6.5	3.0	5.9	4.6
9	5.3	10	16	12	12	12	12	8.0	6.3	2.9	3.5	4.6
10	7.2	9.9	16	12	13	12	11	7.6	6.1	2.8	2.8	4.7
11	5.5	10	16	12	18	13	11	7.4	6.4	4.9	2.9	4.6
12	4.9	12	16	12	16	12	11	7.6	6.0	4.0	3.9	4.6
13	5.4	17	29	12	14	17	11	7.9	5.4	3.4	5.2	4.3
14	5.4	13	27	12	13	93	11	22	5.1	3.5	5.4	3.8
15	5.3	12	21	12	14	46	11	11	4.8	3.0	3.8	3.7
16	4.8	13	18	12	13	26	11	8.9	4.7	2.6	3.1	3.7
17	4.8	15	17	12	13	21	10	10	4.6	2.3	13	3.6
18	4.9	13	16	13	15	18	10	8.7	4.5	2.0	18	3.4
19	5.0	12	15	22	15	31	10	8.5	4.1	1.9	12	3.6
20	5.1	11	15	16	14	45	9.9	9.7	4.1	1.7	90	3.7
21	6.9	705	15	14	13	32	24	9.0	4.0	2.2	18	3.7
22	12	271	15	13	13	23	14	7.7	3.5	3.6	7.5	3.5
23	10	66	17	13	13	20	11	7.4	3.5	2.3	9.8	3.4
24	8.7	31	17	12	12	18	11	8.1	3.3	2.3	7.0	3.4
25	6.2	23	14	12	13	17	10	7.4	3.3	4.4	4.9	3.4
26	6.7	20	14	15	12	16	9.9	7.4	3.0	22	4.2	3.3
27	6.4	18	14	15	12	16	10	8.5	3.0	5.8	4.0	3.1
28	6.0	17	14	14	12	16	9.8	13	2.8	3.8	4.2	3.0
29	5.6	18	13	14	---	15	9.5	9.3	3.0	3.2	3.8	2.9
30	12	247	13	13	---	14	9.1	8.1	19	2.6	3.4	3.0
31	17	---	14	12	---	14	---	57	---	2.3	3.5	---
TOTAL	219.7	1803.9	673	414	373	649	350.2	327.1	222.9	137.0	276.5	149.0
MEAN	7.09	60.1	21.7	13.4	13.3	20.9	11.7	10.6	7.43	4.42	8.92	4.97
MAX	17	705	93	22	18	93	24	57	49	22	90	19
MIN	3.7	9.9	13	12	12	12	9.1	7.4	2.8	1.7	1.9	2.9

CAL YR 1985	TOTAL	8408.5	MEAN	23.0	MAX	1000	MIN	3.3
WTR YR 1986	TOTAL	5595.3	MEAN	15.3	MAX	705	MIN	1.7

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

LOCATION.--Lat 35°07'15", long 81°59'10", Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 mi south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 715.56 ft above National Geodetic Vertical Datum of 1929. From Nov. 26, 1929 to Nov. 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good except for estimated daily discharges; Dec. 29-Jan. 17, Jan. 28-Feb.26, July 26-31, Sept. 14-24, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--57 years, 210 ft³/s, 24.53 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/s, Aug. 14, 1940, gage height, 27.13 ft from rating curve extended above 4,300 ft³/s on basis of computation of peak flow over dam 2.0 mi above station; minimum, 9.0 ft³/s, Oct. 6, 1954; minimum daily, 28 ft³/s, Oct. 6, 7, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)
Aug. 18	2145	*2,980	*11.33

Minimum discharge, 33 ft³/s, Jun. 20, gage height 2.74 ft; minimum daily, 35 ft³/s, July 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	700	378	110	92	99	108	73	72	61	35	148
2	91	1130	266	110	90	98	107	71	69	60	36	260
3	87	396	214	109	89	98	106	68	75	66	44	301
4	85	419	189	109	90	97	105	67	55	58	40	260
5	71	367	176	108	91	99	102	67	72	55	89	266
6	63	255	168	108	92	96	102	68	70	53	72	233
7	61	209	159	108	92	94	102	67	65	51	61	186
8	62	179	153	108	92	92	102	67	64	50	59	157
9	62	164	148	108	92	92	103	66	62	48	66	159
10	62	156	145	107	90	94	98	64	84	46	127	145
11	62	150	141	106	92	108	97	63	678	49	82	134
12	60	144	148	105	95	102	94	57	715	46	138	131
13	60	141	150	104	95	151	91	76	201	43	131	121
14	60	137	143	103	94	234	91	186	144	42	97	113
15	60	134	131	102	94	215	91	99	123	52	86	110
16	60	133	129	100	94	166	89	88	111	51	73	108
17	61	136	127	100	96	143	86	95	103	45	453	105
18	60	131	125	101	97	131	88	88	103	42	1810	100
19	60	118	123	171	98	148	86	103	92	40	1590	99
20	60	109	120	150	99	206	85	148	79	37	364	98
21	68	171	119	123	99	165	90	99	82	36	229	94
22	99	636	116	119	99	146	88	84	76	35	179	90
23	82	397	115	147	100	135	83	78	74	36	170	87
24	75	247	116	125	101	129	82	80	72	38	281	84
25	73	202	115	111	102	124	81	77	70	42	170	81
26	68	179	104	122	103	116	79	85	67	43	140	79
27	65	166	110	125	104	120	78	97	65	43	115	77
28	65	156	111	98	103	115	77	126	62	45	114	73
29	64	156	111	96	---	113	79	95	60	43	107	72
30	73	386	111	94	---	112	75	84	61	38	97	76
31	155	---	110	92	---	110	---	80	---	35	95	---
TOTAL	2194	8004	4571	3479	2675	3948	2745	2666	3736	1429	7150	4047
MEAN	70.8	267	147	112	95.5	127	91.5	86.0	125	46.1	231	135
MAX	155	1130	378	171	104	234	108	186	715	66	1810	301
MIN	60	109	104	92	89	92	75	57	60	35	35	72

CAL YR 1985	TOTAL	52138	MEAN	143	MAX	1790	MIN	57
WTR YR 1986	TOTAL	46644	MEAN	128	MAX	1810	MIN	35

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'45'', long 82°02'26'', Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi upstream from the dam and 2.8 mi southwest of Fingerville.

DRAINAGE AREA.--79.4 mi².

PERIOD OF RECORD.--October 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Spartanburg Water Works datum).

REMARKS.--Lake is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gal. Spillway crest is 815 ft NGVD. Water used as inflow to South Pacolet River Reservoir, capacity, 1,104,000,000 gal.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 817.44 ft Oct. 9, 1976; minimum, 809.28 ft Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 815.18 ft Aug. 18; minimum, 809.47 ft, Aug.10..

Capacity table (elevation, in feet) and usable contents
(in billions of gallons)
(Prepared from curve by Wiedeman and Singleton Engineers of Atlanta, Ga)

809.0 ft	4.65	813.0 ft	6.35
810.0 ft	5.00	814.0 ft	6.80
811.0 ft	5.45	815.0 ft	7.30
812.0 ft	5.90	816.0 ft	7.80

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813.94	814.90	814.13	811.68	812.15	812.90	814.06	813.80	813.76	812.27	809.88	813.49
2	814.00	815.16	814.13	811.68	812.18	812.89	814.08	813.75	813.76	812.21	809.80	813.61
3	814.02	815.09	814.10	811.67	812.20	812.90	814.09	813.69	813.75	812.12	809.79	813.92
4	814.02	815.15	814.05	811.67	812.22	812.92	814.09	813.65	813.75	812.04	809.78	814.07
5	813.98	815.03	814.00	811.65	812.26	812.93	814.10	813.61	813.76	811.95	809.74	814.21
6	813.95	814.88	813.93	811.63	812.29	812.93	814.11	813.56	813.76	811.87	809.71	814.30
7	813.92	814.70	813.87	811.62	812.33	812.93	814.12	813.52	813.76	811.78	809.68	814.34
8	813.89	814.50	813.79	811.60	812.36	812.93	814.14	813.47	813.74	811.69	809.66	814.38
9	813.87	814.29	813.71	811.58	812.38	812.93	814.13	813.42	813.73	811.60	809.61	814.41
10	813.86	814.08	813.63	811.57	812.43	812.95	814.12	813.37	813.73	811.51	809.60	814.44
11	813.83	813.87	813.56	811.56	812.48	812.98	814.12	813.33	814.01	811.42	809.57	814.46
12	813.81	813.68	813.49	811.55	812.50	813.00	814.12	813.28	814.04	811.32	809.62	814.49
13	813.79	813.48	813.43	811.52	812.51	813.08	814.12	813.50	814.04	811.22	809.63	814.49
14	813.78	813.37	813.32	811.59	812.54	813.17	814.11	813.54	814.03	811.14	809.62	814.48
15	813.75	813.31	813.21	811.50	812.56	813.23	814.12	813.52	814.02	811.05	809.59	814.48
16	813.74	813.25	813.12	811.50	812.58	813.26	814.10	813.60	814.01	810.97	809.56	814.50
17	813.71	813.20	813.01	811.54	812.62	813.30	814.08	813.59	813.97	810.88	810.31	814.48
18	813.68	813.13	812.90	811.62	812.69	813.34	814.08	813.60	813.92	810.82	812.23	814.48
19	813.66	813.07	812.79	811.74	812.73	813.51	814.07	813.70	813.86	810.76	812.73	814.49
20	813.64	813.02	812.68	811.78	812.76	813.65	814.07	813.75	813.80	810.69	812.86	814.51
21	813.71	813.27	812.57	811.80	812.79	813.72	814.08	813.73	813.73	810.62	812.91	814.52
22	813.74	813.75	812.46	811.83	812.81	813.77	814.05	813.69	813.67	810.54	812.96	814.52
23	813.75	813.89	812.35	811.86	812.83	813.82	814.02	813.66	813.60	810.47	813.31	814.51
24	813.75	813.89	812.25	811.89	812.65	813.86	814.00	813.64	813.50	810.40	813.43	814.50
25	813.74	813.86	812.12	811.93	812.86	813.90	813.98	813.63	813.30	810.34	813.44	814.50
26	813.72	813.82	811.99	812.02	812.87	813.93	813.95	813.61	813.10	810.28	813.42	814.49
27	813.70	813.77	811.88	812.04	812.88	813.96	813.93	813.69	812.90	810.22	813.44	814.48
28	813.68	813.72	811.77	812.05	812.89	813.98	813.90	813.72	812.70	810.17	813.41	814.47
29	813.64	813.72	811.65	812.08	---	814.00	813.87	813.74	812.51	810.11	813.37	814.45
30	813.70	814.00	811.62	812.11	---	814.03	813.84	813.76	812.34	810.03	813.33	814.45
31	813.80	---	811.66	812.13	---	814.05	---	813.76	---	809.95	813.32	---
MAX	814.02	815.16	814.13	812.13	812.89	814.05	814.14	813.80	814.04	812.27	813.44	814.52
MIN	813.64	813.02	811.62	811.50	812.15	812.89	813.84	813.28	812.34	809.95	809.56	813.49
[+]	6.71	6.80	5.75	5.96	6.30	6.83	6.73	6.69	6.05	4.98	6.49	7.03
[*]	-19	35	-392	78	140	198	-39	-15	-247	-399	564	208

CAL YR 1985 * -7.6 MAX 815.56 MIN 810.68
WTR YR 1986 * -8.6 MAX 815.16 MIN 809.56

[+] CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35", long 81°57'35", Spartanburg County, Hydrologic Unit 03050105, on right bank 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi^2.

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303 .

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 706.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharge: Jan. 16. Records good. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. About 45.3 ft^3/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

AVERAGE DISCHARGE.--57 years, 348 ft^3/s, 22.29 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,800 ft^3/s Aug. 14, 1940, gage height, 22.43 ft, from rating curve extended above 9,600 ft^3/s by velocity-area studies; minimum daily, 32 ft^3/s Oct. 6, 7, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft from floodmark (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,130 ft^3/s, Aug. 18, gage height, 5.43 ft; minimum daily, 39 ft^3/s, July 22-23, and July 31 to Aug. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73	1170	711	125	105	118	133	140	84	61	39	169
2	102	1670	435	124	100	117	132	138	80	60	39	340
3	97	765	343	119	102	116	150	135	83	62	46	403
4	95	786	304	117	102	116	162	86	73	58	46	350
5	81	728	324	116	105	119	152	11[illegible]	73	55	79	336
6	75	552	305	148	134	116	126	124	78	54	70	294
7	74	490	295	174	159	114	126	116	74	52	62	226
8	74	454	290	178	138	112	126	115	71	51	63	186
9	74	323	282	176	108	111	127	92	83	50	67	185
10	74	380	278	173	106	113	121	80	87	47	126	171
11	74	400	274	153	119	143	121	79	809	50	83	158
12	72	401	284	149	116	157	120	8[illegible]	913	48	137	155
13	72	321	283	149	109	278	118	8[illegible]	213	45	140	143
14	73	259	276	129	110	465	120	21[illegible]	154	44	97	131
15	73	252	262	110	114	321	120	11[illegible]	116	51	87	124
16	73	251	259	102	121	196	116	10[illegible]	131	52	76	118
17	73	174	258	97	166	170	112	10[illegible]	137	47	542	115
18	72	176	256	95	186	155	114	10[illegible]	142	44	1950	111
19	71	219	253	155	193	162	131	11[illegible]	126	42	2010	112
20	72	223	250	161	166	278	116	16[illegible]	112	41	536	109
21	79	431	243	116	146	258	112	11[illegible]	110	40	305	111
22	113	1110	246	117	121	185	112	9[illegible]	91	39	231	107
23	93	642	243	169	117	157	107	9[illegible]	111	39	207	103
24	86	428	233	152	120	151	131	9[illegible]	152	41	379	99
25	84	366	239	136	124	147	134	8[illegible]	99	43	217	97
26	79	335	240	147	157	139	161	9[illegible]	108	44	174	96
27	78	315	239	155	151	142	149	10[illegible]	113	45	148	91
28	77	284	219	123	122	138	134	14[illegible]	96	47	138	87
29	75	258	205	123	---	135	104	11[illegible]	81	46	130	87
30	99	627	191	113	---	134	136	9[illegible]	62	41	119	90
31	308	---	165	109	---	133	---	9[illegible]	---	39	114	---
TOTAL	2715	14790	8685	4210	3617	5196	3823	346[illegible]	4662	1478	8457	4904
MEAN	87.6	493	280	136	129	168	127	11[illegible]	155	47.7	273	163
MAX	308	1670	711	178	193	465	162	21[illegible]	913	62	2010	403
MIN	71	174	165	95	100	111	104	7[illegible]	62	39	39	87

CAL YR 1985 TOTAL 84765 MEAN 232 MAX 3430 MIN 7[illegible]
WTR YR 1986 TOTAL 65997 MEAN 181 MAX 2010 MIN 3[illegible]

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'31", long 82°04'27", Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from the confluence with Meadow Creek.

DRAINAGE AREA.--6.46 mi^2.

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 838 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Dec. 26 to Jan. 16, May 16 to Jun. 4, Jun. 9-15 records poor.

AVERAGE DISCHARGE.--7 years, 9.12 ft^3/s, 19.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft^3/s, May 23, 1980, gage height 7.86 ft; minimum, 0.98 ft^3/s, Aug. 1, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 125 ft^3/s, Nov. 1, gage height, 5.95 ft; minimum, 0.98 ft^3/s, Aug.1, gage height, 1.29 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	80	20	7.0	5.8	5.6	5.6	3.9	3.9	2.2	1.0	7.4
2	8.7	24	16	6.9	5.9	5.4	5.5	3.9	3.7	2.5	.98	6.7
3	5.0	18	13	6.8	5.8	5.6	5.3	3.9	3.9	2.2	4.0	16
4	4.2	29	13	6.7	5.8	5.4	5.1	3.6	3.5	1.9	3.4	11
5	3.7	16	12	6.7	6.0	5.5	5.1	3.7	3.4	1.9	1.7	7.1
6	3.5	13	11	6.7	6.6	5.5	5.1	3.6	3.3	1.8	2.9	4.6
7	3.6	11	11	6.6	7.7	5.3	5.2	3.6	3.2	1.7	2.4	3.9
8	3.5	10	11	6.6	6.0	5.2	6.1	3.6	3.1	1.7	4.3	3.7
9	3.6	9.7	10	6.5	5.8	5.3	5.3	3.6	3.5	1.7	2.0	3.8
10	3.4	9.3	9.7	6.4	6.2	5.7	5.1	3.5	3.9	1.6	1.8	3.6
11	3.3	9.1	9.7	6.4	9.3	6.2	5.1	3.5	16	1.6	1.8	3.5
12	3.4	9.0	11	6.3	6.5	5.7	4.9	3.5	17	1.6	3.1	3.6
13	3.4	9.5	14	6.2	5.9	14	4.8	5.7	8.2	1.5	2.4	3.4
14	3.5	9.0	9.9	6.1	6.2	19	4.8	9.5	5.8	1.4	2.7	3.2
15	3.4	8.7	9.3	6.0	6.9	11	5.0	4.7	4.0	1.6	2.3	3.3
16	3.5	10	8.9	5.7	6.5	8.4	4.8	4.5	2.6	1.5	2.2	3.3
17	3.4	9.0	8.8	5.5	6.4	7.4	4.8	4.7	2.5	2.5	2.8	3.0
18	3.3	8.8	8.6	7.0	12	7.1	4.8	4.5	2.5	1.5	3.1	3.0
19	3.5	8.6	8.3	11	7.8	20	4.7	5.0	2.3	1.4	3.3	3.1
20	3.5	11	8.3	6.8	7.1	15	4.6	9.0	2.3	1.3	2.8	2.9
21	12	35	8.2	5.9	6.7	10	5.0	5.0	2.3	1.2	2.6	2.8
22	12	44	7.9	5.7	6.5	9.1	4.4	4.5	2.2	1.2	5.6	2.9
23	7.9	19	7.9	5.3	6.6	8.4	4.4	4.1	2.2	1.2	20	2.8
24	5.1	15	7.7	5.3	6.1	8.0	4.4	4.2	2.1	1.9	3.8	2.8
25	4.6	13	7.4	5.3	6.3	7.6	4.4	4.1	2.1	1.8	3.3	2.7
26	4.3	12	6.8	7.9	6.0	7.4	4.4	4.4	2.1	1.5	3.1	2.5
27	4.3	12	7.2	5.6	5.9	7.1	4.4	5.2	2.0	1.3	3.0	2.5
28	4.3	12	7.2	4.5	5.6	6.9	4.4	7.4	1.9	1.3	3.1	2.4
29	4.0	14	7.1	5.8	---	6.6	4.3	5.2	1.9	1.2	3.0	2.4
30	8.0	38	7.1	5.9	---	6.3	4.2	4.5	3.2	1.2	2.6	2.5
31	15	---	7.0	5.8	---	6.1	---	4.0	---	1.1	2.7	---
TOTAL	159.0	526.7	305.0	196.9	185.9	251.8	146.0	144.1	120.6	50.0	103.78	126.4
MEAN	5.13	17.6	9.84	6.35	6.64	8.12	4.87	4.65	4.02	1.61	3.35	4.21
MAX	15	80	20	11	12	20	6.1	9.5	17	2.5	20	16
MIN	3.3	8.6	6.8	4.5	5.6	5.2	4.2	3.5	1.9	1.1	.98	2.4

CAL YR 1985 TOTAL 3146.4 MEAN 8.62 MAX 87 MIN 2.8

WTR YR 1986 TOTAL 2316.18 MEAN 6.35 MAX 80 MIN .98

02156450 NEALS CREEK NEAR CARLISLE, SC

LOCATION.--Lat 34°39'53'', long 81°27'28'', Union County, Hydrologic Unit 03050106, at road 86 bridge, 5.1 mi north of Carlisle, and 10.3 mi southeast of Union.

DRAINAGE AREA.--12.3 mi², approximately.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: April 2-3. Records fair (except for days which are probably affected by backwater: Nov. 2-4, Nov. 21-24, Nov. 30-Dec. 2, which are poor.

AVERAGE DISCHARGE.--Estimated Dec. 31, 1931, update WATSTORE,and compute average (6 year, 1981-1986)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 ft³/s, Jan. 10, 1984, gage height 8.97 ft; minimum, 0.45 ft³/s, Jan. 1, May 21, 1985, minimum gage height, 0.40 ft May 21, 1985; minimum daily discharge, 0.78 ft³/s, Jul. 22, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 412 ft³/s, Nov. 30, gage height, 4.87 ft (probably not affected by backwater); minimum, 0.79 ft³/s, Aug. 17, 18, gage height 0.79 ft; minimum daily discharge, 1.0 ft³/s, Aug. 17, Sept. 27-29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	47	88	6.0	7.1	6.7	6.8	4.8	3.0	2.1	1.3	2.2
2	50	52	61	5.7	6.9	6.3	6.5	4.8	3.2	2.3	1.3	1.9
3	26	29	30	6.1	6.7	6.0	6.5	4.7	3.6	2.4	1.6	3.2
4	49	53	22	5.9	6.6	5.9	6.2	4.6	3.3	1.9	5.9	2.3
5	12	36	17	5.8	6.9	5.6	6.2	4.8	3.1	1.8	1.6	4.3
6	7.0	20	14	5.6	7.3	4.7	6.1	4.7	3.0	1.8	2.4	2.5
7	5.7	16	12	5.6	7.1	4.7	6.7	4.5	2.8	1.7	2.8	1.8
8	5.1	12	11	5.4	6.3	4.6	7.2	4.3	2.5	1.5	1.8	1.7
9	4.9	11	11	6.2	6.2	5.1	6.7	4.1	2.3	1.3	1.2	1.9
10	4.6	9.9	9.7	6.0	6.7	5.3	6.3	3.8	5.9	1.2	1.2	2.0
11	4.6	8.8	9.3	5.9	9.5	5.4	6.4	3.6	3.7	1.4	2.0	1.5
12	4.3	11	9.2	5.6	8.2	10	6.3	3.7	3.2	2.5	5.7	1.7
13	4.3	15	14	5.0	7.1	23	6.1	3.8	3.0	1.7	19	1.5
14	4.3	11	10	5.3	7.4	12	6.4	4.5	3.0	1.6	11	1.4
15	4.2	10	8.6	4.7	7.5	9.0	6.3	3.7	2.9	2.0	3.6	1.4
16	4.0	14	8.6	4.8	7.1	7.6	5.9	3.2	3.1	2.0	1.7	1.4
17	4.0	17	7.9	4.8	7.2	7.3	5.9	3.2	2.9	1.7	1.0	1.3
18	4.0	14	7.3	5.9	7.9	33	6.0	3.0	2.7	1.5	5.3	1.3
19	4.0	11	6.8	20	7.5	28	5.9	2.6	2.4	1.3	3.9	1.4
20	4.0	12	6.7	11	7.1	17	5.8	3.9	2.3	1.1	55	1.4
21	5.3	57	6.3	8.9	6.9	13	9.1	3.5	2.3	1.1	5.8	1.6
22	9.2	151	6.3	7.9	6.7	11	6.6	3.0	2.0	1.7	2.2	1.3
23	9.0	64	6.4	7.1	6.7	10	6.1	2.5	2.3	1.3	2.9	1.3
24	7.3	33	6.0	6.7	6.7	9.4	6.1	2.5	2.1	1.3	1.9	1.2
25	6.4	23	5.3	6.9	6.5	8.8	5.9	2.3	2.2	1.7	1.7	1.1
26	6.1	20	5.5	8.5	6.7	8.4	5.8	6.0	2.3	4.4	1.5	1.1
27	6.0	18	5.2	7.8	6.8	7.9	5.8	4.2	2.2	2.0	1.3	1.0
28	5.7	17	5.5	7.0	6.4	7.7	5.8	12	2.0	1.9	1.6	1.0
29	5.0	20	5.3	7.8	---	7.3	5.5	6.2	1.9	1.7	1.5	1.0
30	5.9	202	5.0	7.3	---	7.1	5.0	3.8	2.1	1.5	1.3	1.1
31	8.5	---	5.6	7.2	---	6.9	---	3.2	---	1.3	1.6	---
TOTAL	282.2	1014.7	426.5	214.4	197.7	304.7	187.9	129.5	83.3	54.7	152.6	49.8
MEAN	9.10	33.8	13.8	6.92	7.06	9.83	6.26	4.18	2.78	1.76	4.92	1.66
MAX	50	202	88	20	9.5	33	9.1	12	5.9	4.4	55	4.3
MIN	1.8	8.8	5.0	4.7	6.2	4.6	5.0	2.3	1.9	1.1	1.0	1.0

CAL YR 1985 TOTAL 3464.60 MEAN 9.49 MAX 202 MIN 0.78
WTR YR 1986 TOTAL 3098.0 MEAN 8.49 MAX 202 MIN 1.0

02156500 BROAD RIVER NEAR CARLISLE, SC

LOCATION.--Lat 34°35'46'', long 81°25'20'', Union County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Highway 72, 1.3 mi upstream from Sandy River, 2.0 mi downstream from Seaboard Coast Line Railroad bridge, 2.5 mi east of Carlisle, 5.0 mi downstream from Neals Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303 .

REVISED RECORDS.--WSP 892: 1939(M), drainage area.

GAGE.--Water-stage recorder. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--48 years, 4,013 ft³/s, 19.53 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 123,000 ft³/s, Oct. 10, 1976, gage height, 31.51 ft, from rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 ft³/s, Aug. 29, 1955; minimum daily, 44 ft³/s, Sept. 2, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 25,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)
Aug. 20	2030	*37,300	*17.33

Minimum discharge, 156 ft³/s, Jul. 21, gage height, 1.37 ft; minimum daily, 322 ft³/s, Jul. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1070	3520	16900	2600	1920	2140	2200	1710	1600	936	811	1690
2	2320	14700	11100	2770	2230	1840	2340	1590	1810	766	862	2150
3	3740	17600	7040	2190	2100	1830	2400	1830	1220	1190	591	3670
4	3770	9200	5480	2570	2020	1860	2030	1780	1560	994	847	6840
5	2710	13000	4740	2120	2220	1970	2180	1130	1700	862	1340	5890
6	1940	9820	4140	2220	2190	1970	2040	1190	1400	900	1250	3480
7	1050	6100	3930	2160	2130	1990	2310	1300	1260	785	1440	4790
8	1180	4650	3770	2310	2730	1630	1900	1570	1220	636	1390	3000
9	1350	3320	3030	2060	2550	2090	1660	1480	1610	464	1530	2290
10	1460	3200	3160	2060	2290	1680	2440	1700	1060	741	1360	2390
11	1210	3250	2800	2010	1830	1710	2000	1260	1360	667	999	2190
12	1570	3540	3170	2170	2070	2110	1950	1190	2080	926	1300	1930
13	1630	3750	3180	2140	2280	2270	1860	1410	2680	322	2750	1920
14	1260	3030	3710	1920	2120	3710	1900	1510	2250	552	4980	1750
15	1040	2880	3490	1970	2190	5570	1800	2050	1290	736	2560	1910
16	1270	2640	2880	2090	2450	5490	1790	1730	1710	671	1270	1600
17	1270	3230	2870	2120	2110	4590	1880	1790	1240	608	1640	1380
18	1840	2890	2960	2050	2430	2990	1940	1780	795	586	5360	1380
19	1160	2730	2970	2660	2500	3420	1730	1710	1180	819	11800	1380
20	1340	2150	2710	2940	2700	4480	1600	1920	1120	552	28900	1490
21	1570	7250	2820	2880	2570	5340	2190	1900	853	475	18600	1340
22	1820	21800	2860	2540	2200	4620	1940	1820	959	719	4440	1780
23	1810	20800	2540	2130	2370	3560	1910	1680	1230	809	13900	1400
24	2430	9760	2250	2130	2300	2870	1910	1620	1010	953	11400	1500
25	1610	6190	2190	2440	1940	2600	1780	1460	551	674	5660	1430
26	1460	4590	2480	2250	2120	3040	1580	1730	938	1400	2950	1110
27	1380	4290	2390	2140	2220	2400	1910	1490	1080	1080	2210	1440
28	1410	3980	2110	2370	2170	2440	1570	2310	937	751	2240	986
29	1430	3570	2220	2130	---	2310	1490	3200	948	1130	1850	1430
30	1730	9480	2500	2120	---	2600	1430	2600	630	1080	1850	1200
31	2140	---	2450	2160	---	2250	---	2100	---	713	1460	---
TOTAL	52970	206910	120840	70420	62920	89170	57660	53540	39301	24497	139540	68936
MEAN	1709	6897	3898	2272	2247	2876	1922	1727	1310	790	4501	2298
MAX	3770	21800	16900	2940	2730	5570	2440	3200	2680	1400	28900	6840
MIN	1040	2150	2110	1920	1830	1630	1430	1130	551	322	591	986

CAL YR 1985	TOTAL	1166831	MEAN	3197	MAX	28600	MIN	750
WTR YR 1986	TOTAL	986704	MEAN	2703	MAX	28900	MIN	322

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 19[illegible] to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.-- Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 441 microsiemens, Jul. 9, 1986; minimum, 17 microsiemens, Feb. 16, 1983.
pH: Maximum, 9.2 units, Jun. 25, 1986; minimum, 5.5 units, Sept. 19, 1977.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 5, 1981, and Jul. 21, 1986; minimum, 0.5°C, Jan. 19, 1977.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980; minimum, 3.5 mg/L, Aug. 1, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 441 microsiemens, Jul. 9; minimum, 53 microsiemens, May 30, 31.
pH: Maximum, 9.2 units, Jun. 25; minimum, 5.8 units, Feb. 19.
WATER TEMPERATURE: Maximum, 35.0°C, Jul. 21; minimum, 2.0°C, Jan. 30.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Mar. 3, 8, 9; minimum, 3.5 mg/L, Aug. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	225	109	124	110	89	103	---	---	---	87	82	85
2	117	101	109	92	60	73	69	68	68	89	84	86
3	110	92	101	66	59	61	71	68	70	132	87	93
4	92	57	78	75	67	71	76	71	74	94	91	92
5	89	86	88	73	68	70	80	76	77	94	90	92
6	87	85	86	69	67	68	84	80	82	96	92	94
7	112	83	87	73	68	71	87	83	84	95	92	94
8	164	85	99	80	73	77	87	85	86	95	93	94
9	137	93	100	85	79	82	88	85	86	94	92	93
10	230	93	112	88	85	86	86	83	84	95	91	93
11	220	99	118	90	87	89	86	84	85	103	94	100
12	111	107	109	88	82	85	92	87	89	109	98	104
13	111	104	108	84	80	82	93	91	92	107	103	105
14	112	104	109	88	83	85	94	92	93	107	98	104
15	135	111	118	91	89	90	93	88	90	101	97	99
16	125	111	116	---	---	---	91	89	90	103	97	100
17	127	111	115	---	---	---	90	88	89	103	96	100
18	111	106	109	107	97	100	88	85	87	105	96	100
19	115	111	113	98	93	97	89	87	88	107	93	103
20	114	104	110	100	92	95	95	88	90	109	105	107
21	117	105	110	101	60	90	98	91	95	109	97	102
22	118	113	115	71	60	66	96	91	93	103	89	96
23	118	108	113	72	70	71	96	92	94	95	89	91
24	109	105	107	---	---	---	96	93	95	98	92	95
25	110	96	103	---	---	---	95	90	92	104	99	101
26	96	90	93	---	---	---	96	90	93	107	102	104
27	95	90	93	---	---	---	91	84	87	105	95	100
28	99	94	96	---	---	---	87	82	85	103	97	99
29	110	99	106	---	---	---	87	85	86	100	90	95
30	114	108	111	---	---	---	89	84	86	93	88	90
31	112	100	107	---	---	---	87	85	86	97	93	95
MONTH	230	57	105	110	59	82	98	68	87	132	82	97

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	99	95	98	91	81	87	84	77	80	98	94	97
2	105	99	102	91	88	89	83	79	81	100	98	99
3	100	96	98	95	90	92	85	72	77	102	92	98
4	99	97	98	97	91	94	83	76	79	102	96	99
5	104	89	94	96	90	93	86	76	80	105	99	103
6	92	89	90	93	86	89	93	80	86	198	99	118
7	93	90	92	90	84	87	94	89	92	137	103	117
8	96	91	94	108	88	93	91	88	89	107	100	104
9	99	89	94	94	89	92	90	85	88	109	103	106
10	90	85	87	99	93	96	96	84	88	109	102	106
11	96	88	92	99	93	95	96	85	90	104	101	103
12	89	84	86	98	92	95	91	85	87	106	100	103
13	92	85	90	96	90	94	95	89	91	104	101	102
14	91	87	90	91	86	89	96	90	94	112	104	107
15	95	87	91	86	77	80	98	92	96	111	101	105
16	96	91	95	76	70	74	100	90	95	113	95	102
17	95	91	93	72	70	71	97	86	91	99	90	94
18	93	83	86	72	66	69	95	88	92	94	88	91
19	86	80	83	71	65	68	93	85	90	---	---	---
20	85	79	83	73	69	71	97	90	93	---	---	---
21	83	77	79	75	71	73	102	94	98	90	88	89
22	88	82	85	74	71	72	103	95	100	95	83	90
23	91	84	87	74	68	71	95	88	92	91	78	85
24	98	86	92	77	74	75	97	85	91	83	75	78
25	88	83	85	77	75	76	98	88	93	90	83	87
26	84	81	83	81	75	76	96	81	89	86	75	82
27	87	81	84	82	74	77	97	89	93	88	79	84
28	84	80	82	80	75	78	108	94	98	91	77	83
29	---	---	---	89	81	84	104	96	100	78	71	74
30	---	---	---	90	84	86	103	95	99	70	53	58
31	---	---	---	91	80	84	---	---	---	56	53	54
MONTH	105	77	90	108	65	83	108	72	90	198	53	94

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	56	54	55	127	124	125	274	156	180	112	104	108
2	64	54	58	264	119	148	206	144	162	115	109	112
3	72	64	68	188	118	131	204	132	168	123	95	112
4	78	73	75	136	128	133	223	124	148	92	66	73
5	75	68	72	241	126	150	139	111	121	73	69	71
6	80	69	75	146	134	140	115	99	111	74	69	71
7	81	76	80	221	109	143	117	98	103	75	69	72
8	83	69	78	344	106	190	245	120	147	78	75	76
9	82	71	78	441	106	234	133	131	132	82	78	81
10	84	63	77	382	97	178	141	124	134	89	82	84
11	91	85	88	353	95	192	203	119	135	92	84	87
12	95	80	90	111	93	99	187	106	124	94	92	93
13	101	84	94	300	102	208	175	107	122	105	93	99
14	102	97	100	356	100	205	---	---	---	112	99	107
15	102	72	96	182	104	121	---	---	---	104	102	103
16	84	76	79	386	100	183	---	---	---	---	---	---
17	88	84	85	347	99	155	---	---	---	---	---	---
18	92	88	89	389	104	171	---	---	---	---	---	---
19	96	91	93	240	104	126	---	---	---	---	---	---
20	---	---	---	195	118	140	---	---	---	---	---	---
21	---	---	---	350	128	198	---	---	---	---	---	---
22	---	---	---	311	130	175	---	---	---	---	---	---
23	---	---	---	251	141	161	---	---	---	---	---	---
24	122	113	117	201	136	149	---	---	---	124	121	122
25	236	122	171	335	129	180	---	---	---	136	102	122
26	206	122	135	175	129	146	---	---	---	110	105	109
27	128	122	126	149	121	129	---	---	---	110	103	107
28	135	124	130	273	123	153	85	81	83	119	111	114
29	147	135	142	249	123	139	91	86	89	136	120	126
30	250	125	162	268	129	155	100	91	95	140	126	134
31	---	---	---	333	140	201	108	101	103	---	---	---
MONTH	250	54	97	441	93	160	274	81	127	140	66	99
YEAR	441	53	101									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.1	7.0	6.8	6.6	---	---	7.0	7.0	7.2	6.6	6.8	6.3
2	7.1	6.9	6.7	6.5	7.1	6.7	7.1	7.0	7.1	6.6	7.2	6.2
3	7.0	6.7	6.6	6.4	6.7	6.6	7.2	7.0	7.2	6.5	7.3	6.3
4	6.7	6.4	6.7	6.3	6.8	6.7	7.1	7.0	7.3	6.6	7.2	6.2
5	6.7	6.7	6.7	6.7	6.8	6.7	7.1	7.0	6.7	6.4	7.4	6.3
6	6.8	6.7	6.6	6.5	6.8	6.8	7.2	7.0	6.7	6.5	7.4	6.3
7	7.1	6.7	6.7	6.6	6.9	6.8	7.1	7.0	6.9	6.4	7.4	6.3
8	8.0	6.8	6.8	6.7	6.9	6.8	7.1	7.0	6.6	6.4	7.6	6.3
9	7.6	6.9	6.8	6.7	6.9	6.8	7.1	7.0	6.5	6.3	7.7	6.4
10	8.6	6.9	6.9	6.8	6.9	6.9	7.1	7.0	6.4	6.2	7.4	6.3
11	8.6	6.9	6.9	6.9	6.9	6.9	7.2	7.0	6.4	6.2	7.7	6.4
12	7.0	6.9	6.9	6.9	7.0	6.9	7.3	7.0	6.5	6.1	7.2	6.4
13	7.0	6.9	6.9	6.9	7.0	6.9	7.3	7.0	6.6	6.2	6.7	6.3
14	7.0	6.8	6.9	6.9	7.0	7.0	7.3	7.0	6.4	6.1	6.4	6.2
15	7.1	6.8	7.0	6.9	7.0	7.0	7.3	7.0	6.5	6.1	6.2	6.0
16	7.0	6.8	---	---	7.0	6.8	7.4	7.1	6.3	6.0	6.1	6.0
17	7.1	6.8	---	---	7.0	6.9	7.4	7.1	6.4	6.0	6.1	6.0
18	7.0	6.8	7.0	6.9	7.0	6.9	7.4	7.0	6.1	5.9	6.3	6.0
19	7.0	6.7	7.0	6.9	7.0	6.9	7.2	7.0	6.3	5.8	6.2	6.1
20	6.8	6.7	7.0	6.9	7.0	6.8	7.2	7.1	6.8	6.3	6.1	6.1
21	6.7	6.6	7.0	6.5	7.0	6.9	7.3	7.1	6.7	6.3	6.1	6.0
22	6.6	6.6	6.6	6.5	7.0	6.9	7.4	7.1	6.4	6.3	---	---
23	6.7	6.6	6.7	6.6	7.0	6.9	7.3	7.0	6.7	6.3	---	---
24	6.6	6.5	---	---	7.0	6.9	7.5	7.0	6.6	6.3	6.3	6.2
25	6.6	6.5	---	---	7.0	7.0	7.2	7.0	7.0	6.3	6.5	6.2
26	6.5	6.4	---	---	7.0	6.9	7.1	6.9	6.7	6.3	6.5	6.3
27	6.5	6.4	---	---	7.0	6.9	7.2	6.8	6.8	6.3	6.5	6.2
28	6.4	6.3	---	---	7.0	6.9	7.2	6.8	6.6	6.3	6.7	6.3
29	6.4	6.3	---	---	7.0	6.9	7.0	6.7	---	---	6.7	6.3
30	6.4	6.3	---	---	7.0	6.9	7.2	6.7	---	---	6.7	6.3
31	6.6	6.1	---	---	7.0	7.0	7.2	6.7	---	---	6.9	6.3
MONTH	8.6	6.1	7.0	6.3	7.1	6.6	7.5	6.7	7.3	5.8	7.7	6.0

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.3	7.0	6.7	6.6	6.4	7.8	7.0	7.4	7.0	6.6	6.6
2	7.1	6.3	7.1	6.7	6.5	6.4	8.4	6.7	7.4	6.9	6.6	6.6
3	6.9	6.4	6.9	6.7	6.5	6.4	7.8	6.7	7.3	6.9	6.6	6.5
4	6.9	6.3	7.0	6.7	6.6	6.5	7.5	7.0	7.3	6.8	6.5	6.3
5	6.9	6.4	7.0	6.7	6.6	6.5	8.1	6.8	6.9	6.7	6.4	6.3
6	7.0	6.4	7.8	6.7	6.6	6.5	6.9	6.6	7.0	6.7	6.5	6.4
7	6.8	6.5	7.5	6.9	6.7	6.5	8.0	6.6	6.7	6.6	6.5	6.5
8	6.7	6.4	6.9	6.8	6.8	6.6	8.3	6.7	7.5	6.7	6.5	6.5
9	6.9	6.5	6.9	6.7	6.7	6.5	8.4	6.5	6.9	6.7	6.6	6.5
10	6.9	6.6	6.9	6.7	6.6	6.3	8.3	6.5	6.7	6.7	6.9	6.6
11	6.9	6.6	7.0	6.8	7.0	6.6	8.3	6.4	7.4	6.6	6.7	6.6
12	6.9	6.6	7.0	6.8	7.1	6.7	6.7	6.4	7.2	6.6	6.7	6.6
13	7.0	6.6	7.0	6.8	7.0	6.8	8.2	6.4	7.0	6.5	6.8	6.7
14	7.1	6.6	6.9	6.8	7.0	6.7	8.3	6.5	---	---	6.8	6.7
15	7.1	6.6	6.9	6.8	6.8	6.7	7.5	6.6	---	---	6.8	6.7
16	7.1	6.7	7.0	6.6	6.8	6.6	7.8	6.6	---	---	---	---
17	7.0	6.7	6.7	6.6	7.0	6.7	7.6	6.7	---	---	---	---
18	7.1	6.7	7.2	6.6	7.2	6.8	7.5	6.7	---	---	---	---
19	7.2	6.7	---	---	6.8	6.6	7.2	6.7	---	---	---	---
20	7.1	6.7	---	---	---	---	7.1	6.8	---	---	---	---
21	7.2	6.7	6.7	6.7	---	---	7.9	6.8	---	---	---	---
22	7.1	6.7	6.7	6.5	---	---	7.6	6.8	---	---	---	---
23	7.1	6.7	6.7	6.5	---	---	7.3	6.8	---	---	---	---
24	7.2	6.7	6.9	6.5	8.7	8.3	7.3	6.8	---	---	7.0	6.8
25	7.2	6.7	6.7	6.5	9.2	8.3	8.0	6.8	---	---	8.7	6.6
26	7.2	6.7	6.7	6.6	8.9	8.0	7.0	6.8	---	---	7.3	6.7
27	7.1	6.7	6.7	6.6	8.9	7.9	7.2	6.8	---	---	7.1	6.7
28	7.2	6.8	6.7	6.6	9.0	8.1	8.0	6.9	6.5	6.4	7.3	6.6
29	7.1	6.7	6.6	6.6	8.8	7.6	7.6	6.9	6.5	6.4	7.0	6.8
30	7.1	6.7	6.6	6.4	8.7	7.2	7.6	6.9	6.5	6.5	7.1	6.7
31	---	---	6.5	6.4	---	---	8.0	6.9	6.6	6.5	---	---
MONTH	7.2	6.3	7.8	6.4	9.2	6.3	8.4	6.4	7.5	6.4	8.7	6.3
YEAR	9.2	5.8										

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.0	20.5	22.0	17.0	16.5	16.5	---	---	---	6.0	4.5	5.0
2	22.5	21.0	22.0	18.5	16.5	17.0	15.5	14.0	15.0	6.5	4.5	5.5
3	22.0	21.5	21.5	19.0	18.5	18.5	14.0	12.0	13.5	9.0	6.0	7.0
4	23.0	21.5	22.5	18.5	17.0	17.5	12.5	11.0	11.5	7.5	6.5	7.5
5	23.0	21.5	22.5	17.0	16.5	16.5	11.0	10.0	10.5	8.5	6.5	7.5
6	22.0	19.5	21.0	17.0	15.0	16.0	10.0	8.5	9.0	8.0	6.0	7.0
7	21.0	18.5	19.5	16.0	14.0	15.0	9.5	7.5	8.5	7.5	5.5	6.5
8	20.0	18.0	19.0	15.5	14.0	15.0	10.0	8.0	9.0	6.0	4.0	5.0
9	21.5	18.0	19.5	15.0	13.5	14.5	11.5	8.0	9.5	5.5	3.0	4.0
10	21.5	18.0	19.5	16.0	14.0	14.5	12.0	9.0	10.0	5.0	4.0	4.5
11	23.0	19.0	21.0	16.5	14.5	15.0	12.5	10.0	11.0	6.0	3.5	4.5
12	22.0	19.5	21.0	16.0	15.5	16.0	13.0	11.5	12.5	6.5	4.0	5.0
13	23.0	21.0	22.0	17.5	16.0	16.5	14.5	12.5	13.5	6.5	4.5	5.5
14	24.5	21.5	23.0	18.5	17.0	17.5	13.0	11.5	12.5	6.5	4.0	5.0
15	25.5	22.0	24.0	17.5	17.5	17.5	11.5	9.0	10.5	6.0	4.0	5.0
16	24.0	23.0	23.5	---	---	---	9.5	8.0	8.5	6.5	4.0	5.0
17	24.5	22.5	23.5	---	---	---	9.0	7.0	8.0	7.0	5.0	6.0
18	24.0	22.0	23.0	19.0	18.0	18.5	8.0	6.5	7.0	8.0	6.0	7.0
19	24.0	21.0	22.5	19.0	18.0	18.5	7.5	6.0	7.0	10.0	8.0	9.5
20	23.5	21.0	22.5	19.0	18.0	19.0	7.0	5.5	6.0	11.0	9.0	9.5
21	22.0	20.5	21.5	20.0	19.0	19.5	6.0	5.0	5.5	10.5	8.5	9.0
22	20.5	19.5	19.5	19.5	16.5	17.5	5.5	4.0	5.0	11.0	8.5	9.5
23	19.5	18.5	19.0	16.0	15.5	16.0	6.5	5.0	5.5	9.5	8.0	9.0
24	19.5	18.5	19.0	---	---	---	8.0	5.5	6.5	9.5	7.0	8.0
25	21.0	18.5	19.5	---	---	---	7.5	5.5	6.5	8.0	7.0	7.5
26	20.0	18.5	19.0	---	---	---	6.0	4.5	5.0	7.5	6.5	7.0
27	19.5	18.0	19.0	---	---	---	5.5	4.0	4.5	6.5	4.0	5.5
28	19.5	18.5	19.0	---	---	---	5.0	4.0	4.5	4.0	2.5	3.5
29	18.5	16.5	17.5	---	---	---	6.5	4.5	5.0	4.0	2.5	3.0
30	17.0	16.0	16.0	---	---	---	5.5	4.0	4.5	5.0	2.0	3.5
31	16.5	15.5	16.0	---	---	---	5.5	4.0	4.5	6.0	3.0	4.0
MONTH	25.5	15.5	20.5	20.0	13.5	17.0	15.5	4.0	8.5	11.0	2.0	6.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.0	4.0	5.5	10.5	8.5	9.5	21.0	17.5	19.0	27.0	22.0	24.5
2	9.0	5.5	7.0	11.0	7.5	9.5	21.5	18.0	19.5	26.5	23.0	24.5
3	11.5	7.5	9.0	13.0	9.0	10.5	22.0	19.0	20.5	25.5	22.0	23.5
4	12.5	9.0	10.5	12.0	9.0	10.5	23.0	19.5	21.0	25.0	20.0	22.5
5	13.0	10.5	12.0	13.0	9.5	11.0	24.0	20.0	21.5	25.5	20.5	23.0
6	13.5	12.0	13.0	13.5	10.0	11.5	24.5	20.5	22.5	26.5	21.0	24.0
7	15.0	12.5	13.5	13.5	10.0	11.5	24.5	21.0	22.5	27.0	22.5	24.5
8	13.0	12.0	12.5	12.5	9.5	11.0	22.5	21.5	22.0	26.5	23.0	25.0
9	12.0	11.0	11.5	13.5	9.5	11.0	21.5	18.5	20.5	26.5	23.5	25.0
10	11.5	10.5	11.0	14.5	11.0	12.5	20.0	17.0	18.5	25.0	23.0	24.0
11	11.0	10.0	10.5	17.0	12.5	14.5	20.0	16.0	18.0	26.0	21.0	23.5
12	11.0	9.0	10.0	17.0	14.0	15.0	20.0	16.0	16.0	25.5	23.5	24.5
13	9.5	7.5	8.5	18.0	16.0	16.5	21.0	16.0	18.5	25.0	23.5	24.0
14	8.0	7.0	7.5	17.0	15.5	16.5	21.0	17.0	19.0	24.5	23.0	23.5
15	9.0	6.5	7.5	17.5	15.0	16.0	21.5	18.5	20.0	25.0	23.0	24.0
16	9.5	6.0	7.5	17.0	15.0	15.5	20.5	18.0	19.0	24.5	22.5	23.5
17	11.0	7.5	9.0	17.5	14.5	16.0	19.5	16.5	18.0	26.0	22.5	24.0
18	11.5	9.5	10.5	19.0	15.0	17.0	20.5	16.0	18.0	27.0	20.0	24.5
19	12.0	10.5	11.5	18.0	17.5	18.0	21.5	16.5	18.5	---	---	---
20	14.0	11.0	12.5	17.5	16.5	17.0	21.0	17.0	19.5	---	---	---
21	16.0	12.5	14.0	16.5	14.5	15.5	21.5	18.5	20.0	26.5	23.5	24.5
22	14.5	13.5	14.0	---	---	---	21.0	18.0	19.5	25.5	23.0	24.5
23	15.0	13.0	13.5	---	---	---	20.5	16.5	18.0	25.0	22.0	23.5
24	13.5	12.0	12.5	14.0	12.5	13.5	21.0	16.0	18.5	25.5	22.5	24.0
25	13.0	10.5	12.0	15.5	12.5	14.0	22.0	16.5	19.0	26.0	22.5	24.5
26	11.0	10.0	10.5	16.5	14.0	15.5	23.0	18.0	20.5	25.5	23.5	24.5
27	12.5	9.5	11.0	18.0	15.0	16.0	25.5	19.5	22.5	25.0	23.5	24.5
28	10.5	9.5	10.0	19.0	15.0	17.0	26.5	21.5	24.0	26.0	23.5	24.5
29	---	---	---	19.5	16.0	17.5	26.0	21.5	24.0	26.0	24.5	25.5
30	---	---	---	20.0	16.0	18.0	26.5	21.5	24.0	27.5	24.5	26.0
31	---	---	---	21.0	17.0	19.0	---	---	---	27.5	25.5	26.5
MONTH	16.0	4.0	10.5	21.0	7.5	14.5	26.5	16.0	20.0	27.5	20.0	24.5

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	25.5	27.5	32.0	29.0	30.5	31.0	29.0	30.0	21.0	20.5	21.0
2	29.5	26.0	27.5	32.0	29.0	30.5	33.0	29.0	31.0	21.5	20.5	21.0
3	27.0	25.0	26.0	30.5	28.0	29.5	31.5	28.5	30.0	21.0	20.0	20.5
4	27.5	25.5	26.5	30.5	28.0	29.5	31.0	28.5	30.0	20.5	20.0	20.5
5	28.0	25.0	26.5	30.5	27.0	29.0	30.5	28.5	29.5	21.5	20.5	20.5
6	29.0	25.0	27.0	31.0	28.0	29.5	30.0	28.5	29.0	22.5	21.0	21.5
7	29.5	25.5	28.0	32.0	28.0	30.0	29.0	27.5	28.5	23.5	22.0	22.5
8	30.5	27.0	29.0	34.0	29.0	31.0	31.0	27.5	29.0	23.5	22.5	23.0
9	30.5	27.5	29.0	34.0	29.5	32.0	30.5	27.5	29.0	23.5	22.0	22.5
10	29.0	27.0	28.0	33.0	29.0	31.0	30.0	28.0	29.0	24.5	21.5	22.5
11	31.0	28.0	29.5	33.5	29.0	31.5	30.5	28.0	29.0	23.5	22.0	22.5
12	31.5	28.5	30.0	32.5	29.0	31.0	29.0	28.0	28.5	24.0	22.5	23.0
13	30.0	28.0	29.0	33.5	29.5	31.5	28.0	27.5	28.0	25.0	23.0	24.0
14	29.5	27.0	28.0	34.5	29.5	31.5	---	---	---	25.0	23.5	24.0
15	29.0	26.0	27.5	33.0	29.5	31.0	---	---	---	23.5	22.5	23.0
16	29.5	26.5	28.0	32.5	28.5	31.0	---	---	---	---	---	---
17	30.5	26.5	28.5	32.5	29.5	31.5	---	---	---	---	---	---
18	29.5	26.5	28.0	33.0	29.5	31.5	---	---	---	---	---	---
19	30.0	27.0	28.5	33.5	30.5	32.5	---	---	---	---	---	---
20	---	---	---	34.0	30.0	32.0	---	---	---	---	---	---
21	---	---	---	35.0	30.5	32.5	---	---	---	---	---	---
22	---	---	---	33.5	30.0	32.0	---	---	---	---	---	---
23	---	---	---	33.5	30.5	32.0	---	---	---	---	---	---
24	30.5	29.0	30.0	32.5	30.5	31.5	---	---	---	26.0	25.0	25.5
25	32.0	27.5	29.5	33.0	29.5	31.0	---	---	---	27.5	24.0	26.0
26	31.0	28.0	29.5	32.0	29.0	30.5	---	---	---	27.5	24.5	26.5
27	31.5	28.5	30.0	32.5	29.5	30.5	---	---	---	27.5	25.5	26.5
28	32.5	29.0	30.5	33.0	29.0	31.0	26.0	24.5	25.5	28.0	25.0	27.0
29	32.0	29.0	30.5	31.5	29.0	30.5	24.5	23.5	24.0	27.5	26.5	27.0
30	31.5	28.5	30.0	31.5	28.5	30.0	23.0	21.5	22.5	28.5	25.5	27.0
31	---	---	---	33.0	28.0	30.5	21.5	21.0	21.5	---	---	---
MONTH	32.5	25.0	28.5	35.0	27.0	31.0	33.0	21.0	28.0	28.5	20.0	23.5
YEAR	35.0	2.0	19.0									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.6	7.2	7.7	8.5	8.1	8.3	---	---	---	10.9	10.7	10.9
2	7.5	7.0	7.1	9.4	8.0	8.9	8.8	8.6	8.7	10.7	10.5	10.7
3	7.1	6.7	6.8	9.4	8.7	9.1	9.2	8.7	9.0	10.5	9.9	10.3
4	7.0	6.7	6.8	8.7	8.3	8.4	9.6	9.2	9.4	10.2	9.9	10.1
5	7.0	6.8	6.9	9.1	8.6	8.8	9.8	9.6	9.7	10.1	9.8	9.9
6	7.4	7.1	7.2	9.1	8.5	8.7	9.8	9.7	9.8	10.2	9.8	10.0
7	7.9	7.5	7.8	8.8	8.5	8.6	10.0	9.8	9.9	10.4	9.9	10.1
8	8.3	7.7	8.0	8.8	8.5	8.7	10.0	9.9	10.0	10.9	10.1	10.5
9	8.4	7.7	8.0	9.1	8.7	8.9	10.0	9.9	9.9	11.1	10.6	10.9
10	8.4	7.9	8.1	9.4	9.0	9.2	9.9	9.7	9.8	11.3	10.9	11.0
11	8.3	7.7	8.0	9.3	9.2	9.2	9.7	9.4	9.6	11.5	10.8	11.1
12	8.1	7.5	7.8	9.3	9.2	9.2	9.4	9.1	9.2	11.2	10.6	10.9
13	7.8	7.3	7.5	9.2	8.8	9.0	9.1	8.7	8.8	11.2	10.5	10.7
14	7.7	7.0	7.3	9.0	8.3	8.7	8.7	8.5	8.6	11.0	10.4	10.7
15	7.6	6.7	7.2	8.3	8.2	8.3	9.2	8.6	8.9	11.3	10.4	10.7
16	7.4	6.7	7.0	---	---	---	9.9	9.2	9.6	11.5	10.6	11.0
17	7.6	7.0	7.3	---	---	---	10.3	9.9	10.1	11.5	10.6	11.0
18	7.6	7.1	7.4	8.0	7.8	7.9	10.4	10.0	10.2	11.5	10.2	10.8
19	7.7	7.0	7.3	8.0	7.9	7.9	10.5	10.3	10.4	10.2	9.3	9.8
20	7.6	7.0	7.2	7.9	7.6	7.8	10.5	10.1	10.4	9.4	9.1	9.3
21	7.3	6.9	7.1	8.3	7.6	7.9	10.7	10.3	10.6	9.6	9.2	9.4
22	7.6	7.3	7.5	9.3	8.3	8.9	11.0	10.7	10.9	10.1	9.3	9.5
23	8.0	7.6	7.8	9.5	8.2	8.9	11.0	10.9	10.9	9.9	9.3	9.5
24	8.1	7.8	8.0	---	---	---	10.9	10.5	10.7	10.5	9.4	9.9
25	8.0	7.8	8.0	---	---	---	10.5	10.2	10.4	10.3	9.5	9.9
26	8.1	7.7	7.9	---	---	---	10.5	10.3	10.4	10.3	9.9	10.0
27	8.1	7.6	7.8	---	---	---	11.1	10.6	10.9	11.0	9.9	10.4
28	8.2	7.6	7.9	---	---	---	11.2	11.0	11.1	11.3	10.4	10.9
29	8.4	7.8	8.1	---	---	---	11.1	10.8	11.0	11.8	11.1	11.5
30	8.4	8.1	8.2	---	---	---	11.0	10.3	10.9	12.5	11.5	11.9
31	8.9	8.3	8.5	---	---	---	10.9	10.8	10.9	12.4	11.4	11.8
MONTH	8.9	6.7	7.6	9.5	7.6	8.6	11.2	8.5	10.0	12.5	9.1	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.4	11.3	11.9	12.2	10.9	11.4	10.7	8.6	9.6	9.1	6.5	7.6
2	11.9	10.7	11.3	13.0	11.0	11.9	10.3	8.2	9.1	9.4	6.5	7.8
3	11.9	10.2	11.0	13.2	11.0	11.9	10.2	8.0	9.1	8.4	6.7	7.4
4	11.4	9.8	10.6	12.9	10.8	11.7	9.6	8.1	8.7	9.0	6.7	7.7
5	10.3	9.6	9.9	12.8	10.8	11.6	9.7	8.0	8.6	9.5	7.0	8.1
6	10.2	9.4	9.8	12.7	10.7	11.5	9.7	7.7	8.5	9.8	6.8	8.0
7	10.7	9.4	10.0	12.6	10.7	11.5	9.7	7.6	8.3	9.4	6.0	7.4
8	10.7	9.5	10.1	13.2	10.7	11.9	10.0	7.6	8.4	8.1	6.3	7.2
9	10.8	10.2	10.5	13.2	10.9	11.8	8.8	7.3	8.0	8.9	6.3	7.3
10	11.4	10.5	10.9	12.9	10.8	11.7	9.2	7.8	8.4	8.0	6.5	7.2
11	11.5	10.9	11.2	13.0	10.7	11.8	9.2	8.0	8.6	8.7	6.7	7.7
12	12.2	11.1	11.7	11.9	9.8	10.8	9.8	8.4	8.9	8.5	6.4	7.5
13	12.7	11.5	12.1	10.8	9.4	9.9	10.1	8.4	9.0	8.0	6.6	7.2
14	12.6	11.9	12.2	9.7	9.1	9.5	10.2	8.3	9.1	6.9	6.4	6.7
15	13.1	12.0	12.5	9.3	8.9	9.0	9.6	8.1	8.7	6.8	6.4	6.6
16	12.8	12.1	12.4	9.5	8.4	8.9	9.6	7.8	8.6	7.1	6.3	6.6
17	12.9	12.0	12.4	9.5	8.2	8.6	9.6	8.0	8.7	6.9	6.3	6.6
18	12.4	11.6	12.0	10.1	8.2	9.3	10.2	8.3	9.1	7.1	6.4	6.7
19	12.0	10.9	11.5	9.9	8.8	9.2	10.6	8.5	9.4	---	---	---
20	11.9	10.6	11.1	9.3	8.1	8.9	10.5	8.4	9.3	---	---	---
21	11.3	10.3	10.7	9.4	8.1	8.7	10.0	7.9	8.8	6.9	6.8	6.8
22	10.4	9.9	10.1	---	---	---	9.7	7.7	8.5	7.7	6.8	7.3
23	11.1	9.9	10.3	---	---	---	9.9	7.8	8.8	7.8	7.1	7.5
24	11.2	10.0	10.4	11.2	10.7	11.0	10.6	8.2	9.3	8.8	7.3	7.9
25	12.1	10.3	11.0	11.2	10.4	10.7	10.8	8.3	9.3	8.2	7.0	7.5
26	12.2	10.5	11.3	10.6	9.9	10.3	10.8	7.8	9.2	7.7	6.9	7.2
27	12.0	10.9	11.3	10.5	9.5	10.0	10.8	7.8	8.9	7.7	7.0	7.2
28	11.9	10.9	11.2	10.7	9.2	9.9	10.6	7.1	8.4	8.1	7.4	7.6
29	---	---	---	10.7	9.2	9.8	9.8	6.4	7.9	7.5	7.1	7.3
30	---	---	---	10.5	8.5	9.6	9.7	6.2	7.8	8.1	7.2	7.5
31	---	---	---	10.6	9.1	9.7	---	---	---	7.7	7.2	7.5
MONTH	13.1	9.4	11.1	13.2	8.1	10.4	10.8	6.2	8.8	9.8	6.0	7.3

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.0	7.3	7.6	8.3	5.8	7.0	5.4	3.5	4.6	8.9	8.6	8.8
2	8.2	7.4	7.7	6.7	4.6	5.8	6.1	4.5	5.2	9.1	8.8	8.9
3	8.0	7.2	7.7	8.3	4.9	6.6	5.9	3.9	5.0	9.1	8.8	8.9
4	8.4	7.6	7.9	8.1	6.2	7.1	5.9	4.6	5.3	9.3	9.0	9.2
5	8.6	7.7	8.2	7.4	5.2	6.4	6.0	4.7	5.2	9.2	9.0	9.1
6	8.8	7.7	8.2	7.0	5.6	6.2	6.4	5.1	5.6	9.1	9.0	9.0
7	8.7	7.7	8.2	7.6	5.1	6.3	5.3	4.7	5.0	9.1	8.8	9.0
8	8.7	7.5	8.2	7.4	4.8	6.1	5.7	4.7	5.1	9.0	8.7	8.9
9	8.6	7.0	8.1	6.9	4.4	5.7	5.4	4.7	5.0	9.1	8.8	8.9
10	7.8	6.9	7.4	7.4	4.0	5.9	5.1	4.6	4.8	9.2	7.4	8.9
11	7.9	6.9	7.4	7.6	5.1	6.4	4.9	4.3	4.7	9.4	9.1	9.2
12	7.9	6.9	7.3	7.4	5.7	6.5	4.9	4.4	4.7	9.2	8.9	9.1
13	7.6	6.9	7.2	7.9	5.0	6.2	5.0	4.5	4.8	9.1	8.7	8.9
14	8.3	6.	7.3	7.5	4.2	5.9	---	---	---	9.4	8.7	9.1
15	7.8	6.7	7.2	7.7	6.1	6.7	---	---	---	9.0	8.9	8.9
16	7.7	6.7	7.2	7.8	4.7	6.2	---	---	---	---	---	---
17	7.7	6.7	7.2	8.1	5.0	6.7	---	---	---	---	---	---
18	7.8	6.5	7.2	8.1	4.6	6.5	---	---	---	---	---	---
19	8.3	7.1	7.4	8.2	5.4	7.1	---	---	---	---	---	---
20	---	---	---	7.8	6.1	6.9	---	---	---	---	---	---
21	---	---	---	7.3	5.8	6.5	---	---	---	---	---	---
22	---	---	---	7.2	6.0	6.5	---	---	---	---	---	---
23	---	---	---	7.3	5.8	6.4	---	---	---	---	---	---
24	10.7	8.3	9.8	7.2	5.6	6.1	---	---	---	9.5	8.5	9.1
25	10.4	6.1	8.2	6.5	5.4	5.8	---	---	---	10.8	7.8	8.9
26	10.4	5.8	8.2	7.1	5.6	6.0	---	---	---	10.6	7.6	8.8
27	10.1	7.0	8.5	7.9	5.7	6.0	---	---	---	9.1	7.5	8.4
28	9.7	7.0	8.3	6.5	4.7	5.8	7.7	7.6	7.7	10.4	7.2	8.6
29	9.5	6.5	7.9	5.1	3.6	4.5	8.1	7.7	7.9	9.1	7.7	8.2
30	7.6	5.0	6.3	5.2	3.9	4.6	8.4	8.0	8.3	10.0	6.9	8.1
31	-	---	---	5.3	4.0	4.5	8.8	8.4	8.6	---	---	---
MONTH	10.7	5.0	7.8	8.3	3.6	6.2	8.8	3.5	5.7	10.8	6.9	8.9
YEAR	13.2	3.5	8.7									

02157000 NORTH TYGER RIVER NEAR FAIRMONT, SC

LOCATION.--Lat 34°55'45", long 82°02'40", Spartanburg County, Hydrologic Unit 03050107, on left bank 80 ft downstream from Frey Creek, 2.2 mi north of Fairmont, and at mile 57.9.

DRAINAGE AREA.--44.4 mi^2.

PERIOD OF RECORD.--October 1950 to current year.

GAGE.--Water-stage recorders and concrete control. Elevation of gage is 680 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 11 to Nov. 15, Dec. 6 to Jan. 16, Feb. 4 to Mar. 11, and Jun. 13 to Aug. 6. Records poor.

AVERAGE DISCHARGE.--36 years, 65.0 ft^3/s, 19.88 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,610 ft^3/s, May 26, 1959, gage height, 13.58 ft, from rating curve. extended above 2,100 ft^3/s; minimum observed, 5.4 ft^3/s, Jul. 31, 1986, but may have been less during period of plugged intake Aug. 1-2, 1986, minimum daily, 5.4 ft^3/s Aug. 1-2, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 1	----	*746	*4.43 (from indicator)

Minimum daily, 5.4 ft^3/s, Aug. 1-2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	450	115	28	32	32	38	22	22	14	5.4	25
2	54	150	90	27	32	31	37	22	21	16	5.4	33
3	36	85	72	26	32	30	36	20	20	14	18	45
4	30	110	63	26	26	31	36	19	20	13	10	43
5	25	90	59	25	27	30	35	20	19	13	7.0	46
6	22	60	56	25	29	31	34	19	18	13	10	35
7	20	50	52	24	32	30	35	19	17	13	12	28
8	20	47	51	23	30	29	38	19	16	12	19	24
9	19	44	50	22	28	29	38	18	16	12	13	25
10	20	41	48	21	32	29	35	18	16	12	11	23
11	19	40	47	20	38	30	34	18	16	12	9.2	21
12	18	39	49	19	35	31	34	18	15	12	7.4	21
13	18	42	66	18	32	48	33	19	15	11	18	19
14	19	40	54	17	30	70	32	33	15	11	20	18
15	18	39	47	17	33	66	33	24	14	12	14	17
16	19	44	43	18	31	53	31	26	14	11	12	17
17	19	42	42	31	32	48	31	39	14	18	16	16
18	19	39	41	32	54	45	31	27	14	13	24	16
19	20	38	40	49	45	68	30	31	14	12	21	16
20	24	42	39	41	40	77	30	39	14	12	21	16
21	62	116	39	36	37	64	33	29	13	12	17	15
22	68	229	38	34	34	55	30	24	13	12	15	14
23	45	116	37	34	36	50	29	23	13	12	67	14
24	32	86	37	34	34	48	29	23	13	17	37	13
25	27	74	36	33	35	45	28	22	14	15	26	13
26	26	65	34	40	34	44	27	22	13	14	21	12
27	25	59	31	36	35	43	26	38	13	12	19	12
28	24	55	30	39	34	41	25	69	12	11	18	12
29	22	59	28	34	---	40	25	34	12	11	17	12
30	50	166	27	34	---	39	23	28	17	9.0	15	12
31	120	---	27	33	---	38	---	23	---	6.0	15	---
TOTAL	963	2557	1488	896	949	1345	956	805	463	387.0	540.4	633
MEAN	31.1	85.2	48.0	28.9	33.9	43.4	31.9	26.0	15.4	12.5	17.4	21.1
MAX	120	450	115	49	54	77	38	69	22	18	67	46
MIN	18	38	27	17	26	29	23	18	12	6.0	5.4	12

CAL YR 1985 TOTAL 17014 MEAN 46.6 MAX 450 MIN 15
WTR YR 1986 TOTAL 11982.4 MEAN 32.8 MAX 450 MIN 5.4

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07", long 81°32'54", Union County, Hydrologic Unit 03050107, on right bank at downstream side of bridge on State Highway 72 and 121, 0.9 mi downstream from Seaboard Coast Line Railroad, 0.8 mi southeast of Delta, and at mile 9.0.

DRAINAGE AREA.--759 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Water-stage recorder. Data collection platform since October, 1984. Elevation of gage is 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Oct. 5-7, which are poor.

AVERAGE DISCHARGE.--13 years, 1,090 ft³/s, 19.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft³/s, Oct. 11, 1976, gage height, 26.31 ft (from floodmarks); minimum daily, 120 ft³/s, Oct. 9, 10, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,500 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Nov. 3	0200	7,670	14.79	Nov. 22	1500	*11,700	*17.62

Minimum discharge, 137 ft³/s, Jul. 21, gage height, 3.04 ft; minimum daily 141 ft³/s, Jul. 22, Aug. 3, 1986.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	211	3090	6690	638	579	549	595	397	456	210	160	316
2	839	6360	5140	793	592	571	582	389	419	211	150	334
3	1250	7070	2320	709	579	541	571	377	410	228	141	584
4	1830	3990	1540	623	572	519	559	365	395	234	146	1440
5	1400	3010	1230	658	598	519	575	368	371	232	231	1310
6	660	2130	1100	633	543	519	550	368	358	206	292	1220
7	420	1470	994	570	565	513	537	347	345	180	225	883
8	400	1140	960	561	620	503	539	383	335	178	204	594
9	413	946	878	557	659	521	576	373	326	179	211	486
10	380	845	800	619	597	518	597	363	375	193	194	416
11	360	780	773	579	620	507	550	352	337	193	204	414
12	341	738	758	558	662	514	519	342	328	195	262	375
13	321	877	861	546	646	527	521	318	319	180	444	341
14	312	1020	1060	531	597	1100	523	339	299	171	1080	326
15	307	823	966	562	626	1590	491	467	291	158	1050	332
16	317	799	802	535	613	1290	488	463	283	152	995	332
17	390	1240	749	526	590	969	485	440	258	213	497	319
18	388	1150	725	536	584	823	474	508	240	195	1370	278
19	306	894	695	800	641	863	471	475	234	182	2140	263
20	268	801	672	877	690	1430	469	448	238	161	2000	259
21	273	3060	655	858	633	1500	536	463	248	144	2660	257
22	351	11000	646	733	605	1170	601	487	250	141	1200	252
23	627	8880	678	651	632	988	521	414	222	158	809	243
24	669	4070	641	645	588	871	479	385	202	179	763	242
25	513	1870	688	599	562	802	463	372	203	181	586	241
26	454	1420	633	601	562	751	456	394	214	227	475	241
27	415	1180	591	644	562	741	445	429	226	200	391	247
28	389	1090	597	630	556	693	431	539	226	188	333	235
29	363	1030	649	557	---	656	422	986	216	188	329	205
30	360	2810	631	626	---	640	412	730	215	164	291	203
31	456	---	579	590	---	624	---	515	---	159	300	---
TOTAL	15993	75583	36701	19545	16873	24322	15438	13596	8843	5780	20133	13188
MEAN	516	2519	1184	630	603	785	515	439	295	186	649	440
MAX	1830	11000	6690	877	690	1590	601	986	456	234	2660	1440
MIN	211	738	579	526	543	503	412	318	202	141	141	203

CAL YR 1985	TOTAL	326772	MEAN	895	MAX	11000	MIN	211
WTR YR 1986	TOTAL	265985	MEAN	729	MAX	11000	MIN	141

02160105 TYGER RIVER NEAR DELTA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 243 microsiemens, Jul. 17, 1986; minimum, 13 microsiemens, Oct. 9, 10, 1976.
pH: Maximum, 7.9 units, Dec. 21, 1979, Feb. 8-9, 1980; minimum 5.7 units, Nov. 1, 1985.
WATER TEMPERATURE: Maximum, 32.0°C, Jul. 21, 1981, Aug. 23, 1983; minimum, 0.2°C Jan. 18, 19, 1977, Mar. 11, 1984, Jan. 29, 1986.
DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Jan. 2, 1984, Dec. 2, 1979; minimum, 1.6 mg/L Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE. Maximum, 243 microsiemens, Jul. 17; minimum, 48 microsiemens, Aug. 20.
pH: Maximum 7.6 units, Aug. 2; minimum, 5.7 units, Nov. 1.
WATER TEMPERATURE: Maximum, 32.0°C, Jul. 18-21; minimum, 0.5°C, Jan. 28, 29.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 29; minimum 4.2 mg/L, Nov. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	160	154	157	63	49	56	---	---	---	109	106	108
2	156	122	135	71	57	65	---	---	---	110	106	108
3	135	115	125	64	57	60	---	---	---	108	104	106
4	134	121	127	68	64	66	---	---	---	107	104	106
5	131	128	130	70	63	66	---	---	---	107	101	104
6	129	127	128	80	70	75	---	---	---	102	97	100
7	130	127	128	87	81	84	---	---	---	98	94	97
8	139	131	136	99	87	92	---	---	---	96	94	95
9	142	139	141	110	100	105	---	---	---	110	95	105
10	160	137	138	113	110	112	---	---	---	112	110	111
11	149	140	144	116	112	114	---	---	---	119	111	115
12	152	149	151	115	106	113	---	---	---	119	116	118
13	159	151	154	106	96	102	---	---	---	116	107	113
14	199	160	181	101	95	98	---	---	---	107	98	103
15	202	165	181	108	101	105	---	---	---	98	95	97
16	---	---	---	110	106	109	106	105	105	113	95	106
17	---	---	---	106	99	102	106	101	104	117	114	116
18	155	149	152	101	96	98	101	97	99	117	108	115
19	148	144	145	99	97	98	112	101	109	108	96	100
20	152	144	147	99	96	97	116	112	115	102	93	99
21	152	145	148	---	---	---	120	116	118	93	88	91
22	144	132	137	---	---	---	122	117	119	89	85	87
23	139	109	127	---	---	---	118	107	113	102	90	98
24	116	110	113	---	---	---	107	98	103	109	102	106
25	122	118	120	---	---	---	97	92	95	109	107	108
26	130	123	126	---	---	---	97	93	95	110	107	109
27	132	130	131	---	---	---	98	94	96	110	104	108
28	141	131	136	---	---	---	95	93	94	104	96	101
29	144	141	143	---	---	---	103	94	98	98	95	96
30	141	122	131	---	---	---	108	103	107	109	97	105
31	122	75	111	---	---	---	110	107	109	110	107	108
MONTH	202	75	139	116	49	91	122	92	105	119	85	104

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	114	109	111	130	125	127	109	100	104	126	110	116
2	115	108	112	130	119	126	102	97	99	133	126	130
3	111	107	110	124	117	121	113	100	109	142	133	139
4	110	94	103	117	97	105	109	105	107	143	140	142
5	94	87	89	106	97	102	111	106	109	140	125	133
6	103	89	99	123	103	113	113	106	110	125	111	116
7	113	103	110	128	119	124	114	112	113	117	110	114
8	114	108	112	130	121	125	112	97	103	126	112	117
9	108	103	106	136	127	132	100	94	98	144	128	138
10	108	103	106	127	113	118	107	94	101	139	131	135
11	103	89	94	114	100	109	126	107	119	146	141	144
12	91	87	89	100	95	98	119	113	116	146	131	139
13	104	92	100	108	95	103	121	117	119	131	114	126
14	107	104	106	105	82	93	120	113	117	122	115	120
15	109	105	107	87	81	85	114	108	111	119	110	114
16	109	105	107	90	85	87	107	102	105	127	118	123
17	111	100	107	90	86	88	112	101	108	127	122	124
18	98	88	92	90	82	86	122	112	119	137	121	129
19	90	84	86	82	74	78	126	120	122	118	102	108
20	105	91	101	80	74	78	130	123	128	107	99	104
21	106	103	104	82	79	81	121	106	112	102	96	100
22	117	105	109	88	82	86	105	95	99	108	96	105
23	119	107	113	92	88	90	98	93	94	118	105	111
24	113	107	109	89	87	88	118	98	108	127	117	123
25	117	106	113	89	85	87	123	118	120	140	125	130
26	106	94	101	87	84	85	135	125	131	142	124	135
27	114	95	108	102	86	97	139	134	137	123	107	115
28	124	113	121	107	97	103	137	134	135	107	92	101
29	---	---	---	111	106	108	133	116	125	93	86	89
30	---	---	---	117	111	114	115	109	111	92	85	88
31	---	---	---	115	107	111	---	---	---	107	93	100
MONTH	124	84	104	136	74	102	139	93	113	146	85	120

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	123	107	118	174	155	166	164	156	159	159	148	153
2	128	123	126	159	150	154	175	164	170	165	147	159
3	123	107	114	157	150	154	169	175	181	147	97	119
4	108	102	105	148	132	139	193	182	189	87	77	81
5	118	104	110	131	125	127	200	134	172	90	63	79
6	135	118	127	138	125	131	194	151	174	99	78	91
7	142	133	137	150	138	145	153	136	143	103	99	100
8	153	142	147	153	148	150	167	137	148	110	98	102
9	152	104	142	148	137	143	204	171	188	118	111	116
10	136	86	126	140	132	136	196	174	181	116	111	112
11	135	127	129	153	138	145	206	166	193	123	109	113
12	139	125	129	164	143	151	169	124	154	134	125	130
13	153	139	148	187	164	176	142	63	113	147	134	142
14	161	154	158	186	173	182	102	53	78	148	144	146
15	161	151	155	187	172	179	100	93	97	154	148	151
16	162	153	156	199	185	190	111	97	104	163	154	159
17	154	149	150	243	193	220	135	112	123	156	145	149
18	148	138	143	189	171	176	136	58	80	146	139	143
19	136	133	134	197	174	188	79	57	70	162	144	156
20	160	137	150	204	194	199	79	48	65	172	154	164
21	174	161	169	203	194	199	76	52	65	176	170	173
22	172	167	170	204	198	201	87	76	82	181	171	175
23	179	166	171	200	165	192	107	88	99	187	179	182
24	181	175	179	173	156	167	111	89	99	177	155	162
25	176	162	172	164	152	157	132	112	123	157	152	154
26	161	146	151	184	158	172	125	120	122	181	156	171
27	182	153	173	199	161	185	119	114	115	180	177	179
28	184	175	180	181	161	169	122	113	116	183	179	180
29	188	182	185	181	172	177	140	123	132	184	176	180
30	188	143	165	181	154	172	148	142	145	186	183	185
31	---	---	---	179	162	174	150	146	148	---	---	---
MONTH	188	86	147	243	125	168	206	48	130	187	63	144
YEAR	243	48	124									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.8	6.7	6.0	5.7	6.1	5.9	6.7	6.7	6.3	6.2	6.6	6.5
2	6.8	6.1	5.8	5.8	6.1	6.1	6.7	6.7	6.3	6.2	6.7	6.6
3	6.4	6.3	5.8	5.8	6.2	6.1	6.7	6.7	6.3	6.2	6.7	6.6
4	6.4	6.0	6.0	5.9	6.2	6.1	6.7	6.7	6.3	6.2	6.7	6.6
5	6.2	6.1	6.0	6.0	6.3	6.2	6.7	6.7	6.2	6.2	6.7	6.5
6	6.2	6.1	6.2	6.0	6.4	6.3	6.7	6.7	6.2	6.1	6.7	6.5
7	6.2	6.1	6.3	6.2	6.4	6.4	6.7	6.7	6.2	6.1	6.7	6.6
8	6.3	6.2	6.4	6.3	6.4	6.4	6.7	6.7	6.2	6.2	6.7	6.6
9	6.3	6.2	6.5	6.4	6.4	6.4	6.7	6.7	6.2	6.1	6.7	6.6
10	6.2	6.2	6.5	6.4	6.4	6.4	6.7	6.6	6.1	6.1	6.7	6.6
11	6.2	6.2	6.5	6.5	6.4	6.4	6.6	6.6	6.1	6.0	6.8	6.6
12	6.3	6.2	6.5	6.5	6.4	6.4	6.7	6.6	6.0	6.0	6.7	6.5
13	6.3	6.2	6.5	6.4	6.4	6.4	6.6	6.6	6.1	6.0	6.7	6.5
14	6.2	6.2	6.5	6.4	---	---	6.6	6.6	6.1	6.0	6.5	6.3
15	6.3	6.2	6.5	6.4	---	---	6.6	6.5	6.1	6.0	6.3	6.2
16	---	---	6.6	6.5	6.6	6.6	6.5	6.5	6.1	6.0	6.3	6.2
17	---	---	6.5	6.3	6.6	6.6	6.5	6.5	6.0	6.0	6.4	6.3
18	6.3	6.3	6.5	6.3	6.6	6.6	6.6	6.5	6.0	5.9	6.5	6.4
19	6.3	6.2	6.5	6.5	6.7	6.6	6.5	6.3	6.5	5.9	6.4	6.3
20	6.3	6.2	6.5	6.5	6.7	6.7	6.5	6.4	6.6	6.5	6.3	6.3
21	6.5	6.3	---	---	6.7	6.7	6.5	6.3	6.6	6.5	6.4	6.3
22	6.5	6.4	---	---	6.7	6.7	6.4	6.3	6.6	6.5	6.4	6.4
23	6.4	6.3	---	---	6.7	6.7	6.4	6.3	6.6	6.4	6.5	6.4
24	6.3	6.3	---	---	6.7	6.7	6.4	6.4	6.5	6.4	6.5	6.4
25	6.4	6.4	6.2	6.1	6.7	6.7	6.4	6.4	6.5	6.5	6.5	6.5
26	6.4	6.4	6.3	6.1	6.7	6.6	6.4	6.3	6.5	6.5	6.5	6.5
27	6.5	6.4	6.3	6.3	6.7	6.6	6.3	6.3	6.6	6.5	6.6	6.5
28	6.5	6.5	6.5	6.4	6.6	6.6	6.3	6.3	6.6	6.5	6.6	6.5
29	6.5	6.5	6.5	6.5	6.7	6.6	6.3	6.3	---	---	6.6	6.6
30	6.5	6.5	---	---	6.7	6.7	6.3	6.3	---	---	6.6	6.5
31	6.6	6.2	---	---	6.7	6.7	6.3	6.2	---	---	6.7	6.6
MONTH	6.8	6.0	6.6	5.7	6.7	5.9	6.7	6.2	6.6	5.9	6.8	6.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.6	6.5	6.7	6.6	6.7	6.7	7.1	6.9	7.5	6.9	6.9	6.9
2	6.6	6.5	6.7	6.7	6.8	6.7	7.1	7.0	7.6	6.9	6.9	6.9
3	6.6	6.5	6.7	6.7	6.8	6.8	7.0	6.9	7.4	7.0	6.9	6.5
4	6.6	6.5	6.7	6.7	6.8	6.7	7.0	6.9	7.3	7.0	6.7	6.3
5	6.6	6.6	6.7	6.7	6.8	6.7	7.0	6.9	7.1	6.7	6.4	6.1
6	6.6	6.6	6.7	6.6	6.8	6.8	7.0	6.8	7.0	6.7	6.5	6.3
7	6.7	6.6	6.7	6.6	6.9	6.8	7.0	6.9	6.9	6.9	6.6	6.5
8	6.6	6.5	6.7	6.6	6.9	6.9	7.0	6.9	7.0	6.8	6.7	6.6
9	6.5	6.5	6.7	6.6	6.9	6.7	7.1	6.9	7.0	6.9	6.7	6.7
10	6.5	6.5	6.7	6.7	6.8	6.3	7.0	6.9	7.0	6.9	6.8	6.7
11	6.5	6.5	6.8	6.7	6.8	6.8	7.0	6.8	7.0	6.9	6.8	6.7
12	6.5	6.5	6.7	6.7	6.9	6.8	7.0	6.8	6.9	6.8	6.8	6.8
13	6.5	6.5	6.7	6.6	6.9	6.9	7.0	6.9	6.8	6.2	6.9	6.8
14	6.5	6.5	6.7	6.7	7.0	6.9	7.0	6.9	6.4	6.0	6.9	6.9
15	6.5	6.5	6.7	6.6	7.0	6.9	7.1	6.9	6.3	6.1	6.9	6.9
16	6.6	6.5	6.7	6.6	7.0	6.9	7.1	6.9	6.4	6.1	7.0	6.9
17	6.6	6.5	6.7	6.7	7.0	6.9	7.2	7.0	6.6	6.4	7.0	6.9
18	6.7	6.6	6.7	6.6	7.0	7.0	7.1	6.9	6.7	5.9	6.9	6.9
19	6.7	6.6	6.6	6.6	7.0	6.9	7.1	6.9	6.0	5.8	7.0	6.9
20	6.7	6.6	6.6	6.6	7.0	6.9	7.1	7.0	6.1	5.9	7.0	6.9
21	6.6	6.5	6.7	6.6	7.1	6.9	7.2	7.0	6.1	5.8	7.0	6.9
22	6.6	6.5	6.7	6.6	7.1	7.0	7.3	7.0	6.3	6.2	7.0	7.0
23	6.6	6.6	6.7	6.7	7.1	7.0	7.3	6.9	6.5	6.4	7.0	7.0
24	6.6	6.5	6.8	6.7	7.1	7.0	7.1	6.9	6.6	6.5	7.0	7.0
25	6.7	6.6	6.8	6.7	7.2	7.0	7.1	6.9	6.7	6.6	7.0	6.9
26	6.7	6.6	6.8	6.7	7.1	7.0	7.0	6.8	6.8	6.7	7.1	6.9
27	6.7	6.7	6.7	6.7	7.2	7.0	7.0	6.9	6.8	6.7	7.1	7.0
28	6.7	6.7	6.7	6.6	7.2	7.0	7.0	6.9	6.8	6.8	7.1	7.0
29	6.7	6.7	6.6	6.4	7.2	7.0	7.1	6.9	6.9	6.8	7.1	7.0
30	6.7	6.6	6.5	6.4	7.2	6.9	7.1	6.9	6.9	6.8	7.1	7.0
31	---	---	6.7	6.5	---	---	7.1	7.0	6.9	6.9	---	---
MONTH	6.7	6.5	6.8	6.4	7.2	6.3	7.3	6.8	7.6	5.8	7.1	6.1
YEAR	7.6	5.7										

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.0	19.0	19.5	18.5	16.5	18.0	14.5	14.0	14.5	5.5	4.0	4.5
2	20.0	19.5	20.0	18.0	17.5	17.5	14.0	12.5	13.5	5.0	3.5	4.5
3	20.0	20.0	20.0	17.5	17.0	17.0	12.5	9.5	10.5	7.5	5.0	6.0
4	21.0	20.0	20.5	17.0	15.5	16.5	9.5	8.0	8.5	6.5	6.0	6.5
5	21.0	20.5	20.5	15.5	14.0	14.5	8.0	7.0	7.5	7.0	5.5	6.5
6	20.5	19.0	20.0	14.0	13.0	13.5	7.5	6.5	7.0	5.5	3.5	4.5
7	19.0	18.0	18.5	14.0	12.0	13.0	7.0	5.5	6.5	5.0	4.0	4.5
8	18.0	17.0	17.0	13.5	12.5	13.0	7.5	5.5	6.5	4.0	3.0	3.5
9	17.5	17.0	17.0	12.0	10.5	11.5	8.5	6.5	7.5	2.5	1.0	2.0
10	18.0	17.5	17.5	13.0	11.0	12.0	9.5	8.0	8.5	3.5	2.0	3.0
11	19.0	18.0	18.5	14.0	12.0	13.0	11.0	8.5	9.5	4.5	3.0	3.5
12	19.5	19.0	19.0	15.0	13.5	14.0	12.5	11.0	11.5	5.0	2.5	4.0
13	20.0	19.5	20.0	16.5	15.0	15.5	14.5	12.5	13.5	5.0	3.5	4.5
14	21.0	20.0	20.5	17.0	15.5	16.0	---	---	---	4.5	2.5	3.5
15	21.0	21.0	21.0	17.0	16.0	16.5	---	---	---	4.5	2.5	3.5
16	21.5	21.0	21.5	17.0	16.5	16.5	6.0	5.5	5.5	4.5	2.0	3.5
17	21.0	21.0	21.0	17.0	16.0	16.5	6.0	4.5	5.0	6.5	4.0	5.5
18	21.0	20.5	20.5	17.0	16.0	16.5	6.0	4.5	5.5	9.0	6.5	7.5
19	20.5	19.5	20.0	17.0	16.0	16.5	5.5	4.5	5.0	11.0	9.0	10.0
20	20.0	19.0	19.5	17.5	16.5	17.0	5.0	4.0	4.5	10.0	8.5	9.0
21	19.5	17.5	19.0	18.5	17.5	18.0	4.0	2.5	3.5	8.5	6.5	7.5
22	17.5	16.5	16.5	17.5	15.5	16.5	3.0	1.5	2.5	8.5	6.0	7.5
23	17.5	16.5	17.0	15.5	14.0	14.5	5.5	3.0	4.0	8.5	7.5	8.0
24	19.5	17.0	18.0	14.0	13.0	13.5	6.5	4.5	5.5	7.5	5.5	6.5
25	19.5	18.0	19.0	15.0	13.5	14.0	6.5	4.0	5.5	6.0	5.5	5.5
26	19.0	17.5	18.0	16.0	14.5	15.5	4.0	2.0	2.5	6.0	5.5	5.5
27	17.5	16.5	17.0	16.0	15.5	15.5	3.0	1.0	2.0	6.0	3.0	4.5
28	18.0	16.5	17.5	18.0	16.5	17.5	4.0	2.5	3.5	2.5	.5	1.5
29	17.0	15.0	16.0	18.0	17.5	18.0	5.0	3.5	4.5	2.0	.5	1.0
30	14.5	13.5	13.5	---	---	---	4.0	3.0	3.5	3.5	1.5	2.5
31	16.5	13.5	14.5	---	---	---	4.0	2.0	3.0	5.0	2.0	3.5
MONTH	21.5	13.5	18.5	18.5	10.5	15.5	14.5	1.0	6.5	11.0	.5	5.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.0	3.0	4.5	9.0	7.5	8.0	19.0	15.5	17.5	22.0	18.5	20.5
2	8.0	5.0	6.5	8.5	5.5	7.5	19.5	16.0	18.0	22.5	19.5	21.0
3	10.5	7.5	9.0	10.5	7.0	9.0	20.0	16.5	18.5	21.0	18.0	19.5
4	12.0	9.0	10.5	10.0	8.0	9.0	20.5	17.5	19.0	19.5	16.0	18.0
5	12.5	11.0	11.5	11.0	8.0	9.5	21.5	18.0	19.5	20.0	15.5	18.0
6	13.0	12.0	12.5	11.0	8.0	9.5	21.5	18.5	20.0	22.0	18.0	20.0
7	13.5	11.5	12.5	11.0	8.0	9.5	22.0	18.5	20.5	23.5	19.5	21.5
8	11.5	9.5	10.5	10.0	7.0	8.5	20.5	18.5	19.5	23.0	20.0	21.5
9	9.5	8.5	9.0	10.0	6.5	8.0	18.5	16.5	17.5	22.5	20.0	21.0
10	9.0	8.5	9.0	12.0	9.0	10.5	16.5	14.0	15.5	21.0	19.0	20.0
11	9.5	9.0	9.0	16.0	11.5	13.5	16.5	13.0	15.0	21.5	17.0	19.5
12	9.0	7.0	8.0	16.5	14.5	15.5	16.5	13.5	15.0	23.0	20.0	21.5
13	7.0	5.0	6.0	16.0	14.5	15.5	18.0	13.5	16.0	22.0	20.0	20.5
14	5.0	4.0	4.5	14.5	13.5	14.0	18.0	15.0	16.5	20.5	19.5	20.0
15	6.5	4.0	5.0	14.5	13.0	13.5	19.0	16.5	17.5	21.5	19.0	20.0
16	7.5	4.5	6.0	14.0	13.0	13.5	17.0	15.0	16.0	22.0	19.5	20.5
17	9.5	6.0	8.0	14.5	12.0	13.5	15.0	13.0	14.0	22.5	20.5	21.5
18	11.5	9.5	10.0	15.5	12.5	14.0	17.0	13.0	15.0	23.0	21.0	22.0
19	12.0	10.0	11.0	15.5	15.0	15.5	18.0	14.0	16.0	22.5	21.5	22.0
20	13.5	11.0	12.5	15.0	13.0	14.0	17.5	15.0	16.5	23.0	21.0	22.0
21	15.0	12.0	13.5	13.0	11.0	12.0	19.0	16.5	17.5	22.0	20.0	21.0
22	14.0	12.5	13.5	11.0	8.5	10.0	17.5	15.5	16.5	21.5	19.0	20.5
23	13.0	11.0	12.0	11.5	8.0	9.5	16.0	13.0	14.5	21.0	18.0	19.5
24	11.0	9.5	10.0	13.0	9.0	11.5	16.5	12.0	14.5	23.0	19.0	21.0
25	10.0	8.0	9.0	14.5	10.5	13.0	18.0	13.5	16.0	23.5	20.5	22.0
26	8.5	7.0	8.0	15.5	12.5	14.0	20.5	16.0	18.5	23.0	21.5	22.0
27	11.0	8.0	9.5	16.5	13.5	15.0	22.5	18.0	20.5	22.5	21.0	21.5
28	10.5	9.0	9.5	16.5	13.5	15.0	23.0	19.5	21.5	23.0	21.0	22.0
29	---	---	---	16.5	13.0	15.0	22.5	19.5	21.0	23.5	22.0	22.5
30	---	---	---	17.0	13.5	15.5	22.0	18.5	20.5	25.0	22.0	23.5
31	---	---	---	18.0	14.5	16.5	---	---	---	26.0	23.5	24.5
MONTH	15.0	3.0	9.5	18.0	5.5	12.0	23.0	12.0	17.5	26.0	15.5	21.0

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	23.0	24.5	29.5	25.0	27.0	28.5	25.5	27.0	20.5	19.5	20.0
2	26.5	23.5	25.0	29.5	26.0	27.5	30.5	25.0	27.5	21.0	19.5	20.0
3	25.5	23.0	24.0	28.5	25.0	27.0	29.5	25.5	27.5	21.5	20.5	21.0
4	24.0	21.5	23.0	28.0	24.0	26.0	28.5	25.0	27.0	21.5	21.0	21.0
5	25.0	22.0	23.5	28.5	23.5	26.0	27.5	24.5	26.0	22.0	21.0	21.5
6	26.0	22.5	24.0	29.0	24.0	26.5	28.0	25.0	26.5	23.0	21.5	22.0
7	27.5	23.5	25.5	31.0	24.5	27.5	28.0	24.5	26.0	23.5	21.5	27.5
8	28.5	25.0	26.5	31.5	26.0	28.5	29.0	25.0	27.0	23.5	21.5	22.5
9	28.5	25.0	27.0	31.5	26.5	29.0	29.5	25.5	27.5	22.0	21.0	21.5
10	27.0	24.5	26.0	31.0	26.0	28.5	29.0	25.5	27.5	22.5	20.5	21.5
11	28.0	25.0	26.5	30.5	26.0	28.0	29.5	26.0	27.5	23.0	21.0	22.0
12	28.5	25.5	27.0	30.5	25.5	28.0	26.5	24.5	25.5	24.5	22.0	23.0
13	28.0	25.0	26.5	31.0	26.0	28.5	25.0	23.5	24.0	24.5	22.0	23.0
14	28.0	23.5	25.5	30.5	26.0	28.5	24.5	23.0	24.0	23.5	20.5	22.0
15	26.5	23.5	25.0	30.5	25.5	28.0	25.0	23.5	24.0	23.0	19.5	21.5
16	26.5	23.5	25.0	31.0	25.0	28.0	26.0	24.0	25.0	22.5	21.0	21.5
17	29.0	24.5	26.5	31.5	26.5	29.0	27.0	25.0	26.0	22.5	20.5	21.5
18	28.0	25.0	26.5	32.0	27.0	29.5	26.0	22.5	24.0	21.0	19.5	20.0
19	28.0	23.0	25.5	32.0	27.0	29.5	24.0	23.5	23.5	22.5	19.5	21.0
20	28.5	24.0	26.0	32.0	26.5	29.0	23.5	23.0	23.0	24.5	21.0	22.5
21	28.0	24.5	26.0	32.0	26.5	29.0	24.0	23.0	23.5	25.5	22.0	23.5
22	28.0	23.5	25.5	31.5	26.5	29.0	25.5	23.5	24.5	25.5	22.0	23.5
23	29.0	24.0	26.5	31.0	27.0	28.5	26.0	24.5	25.0	25.0	22.0	23.5
24	29.0	25.0	27.0	30.0	26.5	28.0	26.5	24.5	25.5	25.5	22.0	24.0
25	29.0	24.0	26.5	29.5	26.0	27.5	26.0	24.5	25.5	26.5	22.5	24.5
26	28.0	24.5	26.0	29.5	25.0	27.0	26.5	24.0	25.0	26.5	23.0	24.5
27	30.0	25.5	27.5	30.5	26.5	28.0	28.0	24.5	26.0	26.5	23.0	25.0
28	30.5	26.0	28.0	30.5	25.5	28.0	26.5	23.0	25.0	26.5	23.0	25.0
29	30.0	26.0	28.0	31.5	26.5	28.5	23.0	21.5	22.0	26.0	23.5	24.5
30	28.5	25.5	26.5	30.5	25.0	28.0	21.0	18.5	20.0	26.0	23.0	24.5
31	---	---	---	29.5	24.5	27.0	20.0	19.0	19.5	---	---	---
MONTH	30.5	21.5	26.0	32.0	23.5	28.0	30.5	18.5	25.0	26.5	19.5	22.5
YEAR	32.0	.5	17.5									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	9.1	5.6	7.6	8.2	7.1	7.5	11.4	11.1	11.2
2	---	---	---	7.7	4.2	5.7	8.5	8.1	8.2	11.3	11.0	11.2
3	---	---	---	7.3	7.0	7.2	9.8	8.5	9.3	11.0	10.4	10.7
4	---	---	---	7.8	7.2	7.4	10.3	9.8	10.2	10.5	10.4	10.5
5	---	---	---	8.3	7.9	8.1	10.6	10.3	10.4	10.6	10.3	10.4
6	---	---	---	8.9	8.4	8.7	10.6	10.4	10.5	11.1	10.6	11.0
7	---	---	---	9.0	8.7	8.9	10.8	10.5	10.7	11.2	11.1	11.2
8	---	---	---	9.4	8.5	9.1	10.9	10.6	10.8	11.7	11.2	11.5
9	---	---	---	9.7	9.5	9.5	10.7	10.4	10.6	12.2	11.8	12.0
10	---	---	---	9.9	9.2	9.4	10.5	10.3	10.4	12.0	11.5	11.8
11	---	---	---	9.4	8.9	9.2	10.4	9.9	10.2	11.5	11.3	11.4
12	---	---	---	8.9	8.6	8.8	9.9	9.3	9.6	11.5	11.2	11.4
13	---	---	---	9.3	8.2	8.5	9.3	8.7	9.0	11.2	11.1	11.2
14	---	---	---	8.9	7.9	8.3	---	---	---	11.6	11.2	11.5
15	---	---	---	8.8	8.5	8.6	---	---	---	11.9	11.5	11.7
16	---	---	---	8.8	8.6	8.7	11.4	11.3	11.3	11.9	11.6	11.8
17	---	---	---	8.9	8.2	8.6	11.6	11.4	11.5	11.6	11.0	11.3
18	---	---	---	9.0	8.4	8.8	11.7	11.4	11.5	10.9	10.2	10.7
19	---	---	---	9.3	9.0	9.2	11.7	11.5	11.6	10.2	9.6	9.8
20	---	---	---	9.4	9.1	9.3	12.2	11.7	11.9	10.1	9.6	9.8
21	8.0	7.9	8.0	---	---	---	12.4	12.0	12.2	10.7	10.1	10.4
22	8.4	8.0	8.2	---	---	---	12.7	12.4	12.5	10.9	10.6	10.8
23	8.2	8.0	8.1	---	---	---	12.5	11.7	12.2	10.5	10.4	10.4
24	8.8	7.8	7.9	---	---	---	11.6	10.8	11.2	11.1	10.5	10.9
25	9.1	7.6	7.7	8.6	8.2	8.4	11.4	10.8	11.0	11.2	11.1	11.2
26	7.9	7.6	7.8	8.6	8.0	8.5	12.3	11.4	12.0	11.2	10.9	11.1
27	8.1	7.9	8.0	8.7	8.4	8.5	12.5	12.2	12.3	11.8	10.9	11.2
28	8.1	7.9	8.0	8.2	8.1	8.2	12.2	11.6	11.9	12.8	11.8	12.4
29	8.4	7.9	8.2	8.1	7.9	8.0	11.6	11.3	11.5	12.9	12.5	12.8
30	8.8	8.4	8.7	---	---	---	11.7	11.3	11.6	12.5	12.3	12.4
31	8.9	8.3	8.7	---	---	---	11.9	11.4	11.7	12.4	11.9	12.2
MONTH	9.1	7.6	8.1	9.9	4.2	8.5	12.7	7.1	10.9	12.9	9.6	11.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.0	11.6	11.9	11.3	10.7	11.0	8.9	8.5	8.7	7.8	7.3	7.6
2	11.6	11.1	11.4	11.6	11.1	11.4	8.8	8.4	8.6	7.6	7.3	7.4
3	11.1	10.4	10.8	11.2	10.7	11.0	8.6	8.2	8.4	7.8	7.3	7.6
4	10.4	10.0	10.2	11.2	10.6	10.9	8.4	8.0	8.2	8.2	7.6	7.9
5	10.0	9.8	9.9	11.2	10.7	11.0	8.2	7.8	8.0	8.2	7.7	8.0
6	9.8	9.6	9.7	11.0	10.7	10.8	8.1	7.6	7.9	7.9	7.3	7.6
7	9.7	9.5	9.6	11.0	10.5	10.8	7.8	7.4	7.6	7.5	7.1	7.3
8	10.3	9.7	10.0	11.4	10.7	11.1	7.8	7.4	7.7	7.3	7.0	7.2
9	10.7	10.3	10.5	11.6	11.2	11.4	8.2	7.8	8.1	7.3	7.0	7.2
10	10.6	10.5	10.6	11.1	10.5	10.9	8.6	8.2	8.4	7.5	7.1	7.4
11	10.7	10.4	10.5	10.4	9.7	10.1	8.8	8.3	8.5	7.9	7.2	7.6
12	11.2	10.7	11.0	10.0	9.3	9.6	8.6	8.3	8.4	7.2	6.9	7.1
13	11.7	11.2	11.5	9.5	9.1	9.3	8.5	8.0	8.3	7.4	7.0	7.2
14	12.0	11.7	11.9	9.4	9.1	9.2	8.3	8.0	8.1	7.6	7.3	7.5
15	12.1	11.8	11.9	9.2	8.3	8.6	8.1	7.8	8.0	7.6	7.2	7.5
16	11.9	11.5	11.7	9.6	8.0	8.7	8.5	7.9	8.3	7.4	7.1	7.3
17	11.4	10.8	11.2	9.9	9.6	9.7	9.0	8.6	8.8	7.2	7.0	7.1
18	10.8	10.5	10.6	9.9	9.4	9.7	9.0	8.4	8.7	7.1	6.7	6.9
19	10.5	10.1	10.3	9.4	9.2	9.3	8.7	8.1	8.4	7.1	6.7	6.9
20	10.1	9.7	9.9	9.7	9.3	9.4	8.3	7.9	8.1	7.1	6.9	7.0
21	9.7	9.4	9.6	10.4	9.7	10.1	7.9	7.6	7.7	7.3	7.0	7.2
22	9.5	9.2	9.4	10.9	10.4	10.8	8.2	7.7	8.1	7.4	7.1	7.2
23	10.1	9.5	9.9	11.1	10.7	10.9	9.0	8.3	8.7	7.7	7.2	7.4
24	10.5	9.9	10.2	10.8	9.6	10.3	9.2	8.5	8.8	7.5	7.0	7.3
25	11.1	10.4	10.8	9.9	9.3	9.7	8.8	8.0	8.5	7.1	6.8	7.0
26	11.4	11.0	11.2	9.4	9.1	9.3	8.1	7.5	7.9	6.9	6.7	6.8
27	11.1	10.4	10.8	9.1	8.7	9.0	7.6	7.1	7.4	7.1	6.8	6.9
28	10.7	10.3	10.5	9.1	8.7	8.9	7.3	6.9	7.1	7.1	6.8	7.0
29	---	---	---	9.2	8.8	9.0	7.5	7.0	7.2	6.8	6.5	6.7
30	---	---	---	9.1	8.7	8.9	7.9	7.3	7.6	6.8	6.0	6.5
31	---	---	---	8.9	8.6	8.8	---	---	---	6.7	6.4	6.6
MONTH	12.1	9.2	10.6	11.6	8.0	10.0	9.2	6.9	8.1	8.2	6.0	7.2

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.8	6.4	6.6	7.2	6.5	6.8	8.9	7.2	7.9	8.3	8.1	8.2
2	6.6	6.3	6.5	7.1	6.4	6.7	9.1	7.0	7.8	8.2	8.1	8.2
3	7.0	6.4	6.7	7.2	6.5	6.8	8.8	7.0	7.8	8.3	7.9	8.1
4	7.3	7.0	7.1	7.4	6.6	6.9	8.6	7.2	7.7	8.2	7.2	7.8
5	7.2	6.7	7.0	7.4	6.6	6.9	8.1	7.1	7.4	8.2	7.7	7.8
6	6.9	6.5	6.7	7.2	6.4	6.8	7.7	7.1	7.4	7.8	7.6	7.7
7	6.7	6.3	6.5	7.1	6.3	6.7	8.2	7.4	7.7	7.8	7.6	7.7
8	6.4	6.1	6.3	6.9	6.2	6.6	8.0	7.3	7.7	7.9	7.7	7.8
9	6.5	6.1	6.3	6.9	6.1	6.5	7.9	7.2	7.5	8.0	7.8	7.9
10	6.5	6.0	6.3	7.2	6.2	6.6	7.9	7.0	7.4	8.2	7.9	8.1
11	6.6	6.2	6.4	7.2	6.4	6.8	7.4	7.0	7.1	8.0	7.7	7.9
12	6.4	6.0	6.2	7.2	6.4	6.7	7.6	7.1	7.3	7.7	7.3	7.6
13	6.4	5.9	6.1	7.1	6.4	6.7	7.6	6.8	7.4	7.7	7.4	7.6
14	6.0	5.9	6.0	7.1	6.4	6.7	7.5	6.4	7.2	7.9	7.5	7.7
15	---	---	---	7.1	6.4	6.7	6.5	5.5	6.0	8.1	7.7	7.9
16	---	---	---	7.3	6.3	6.8	6.8	5.2	5.8	7.9	7.7	7.8
17	---	---	---	6.9	6.1	6.5	7.0	6.8	6.9	8.2	7.8	8.0
18	---	---	---	7.0	6.2	6.5	7.5	4.4	6.6	8.4	8.1	8.3
19	---	---	---	6.9	6.1	6.4	6.5	5.1	5.8	8.2	7.7	8.0
20	---	---	---	7.0	6.2	6.5	6.7	5.1	6.2	7.9	7.4	7.7
21	---	---	---	7.2	6.3	6.7	6.9	5.1	6.1	7.7	7.3	7.5
22	---	---	---	7.8	6.5	7.0	7.1	6.9	7.0	7.7	7.2	7.4
23	---	---	---	7.8	6.6	7.1	7.1	6.9	7.0	7.6	7.2	7.4
24	---	---	---	7.7	6.6	7.1	7.1	7.0	7.0	7.7	7.2	7.4
25	---	---	---	7.9	6.8	7.2	7.1	7.0	7.1	7.6	7.1	7.4
26	---	---	---	7.6	6.7	7.1	7.3	7.1	7.2	7.5	6.9	7.2
27	7.7	6.5	7.0	7.5	6.7	7.0	7.3	7.0	7.1	7.4	7.0	7.1
28	7.2	6.4	6.8	7.8	6.9	7.2	7.6	7.1	7.3	7.4	6.9	7.1
29	7.2	6.4	6.8	7.7	6.8	7.1	7.9	7.6	7.8	7.3	6.9	7.1
30	7.2	6.5	6.9	7.8	6.9	7.3	8.4	7.9	8.2	7.3	6.8	7.0
31	---	---	---	8.1	7.0	7.6	8.5	8.2	8.4	---	---	---
MONTH	7.7	5.9	6.6	8.1	6.1	6.8	9.1	4.4	7.2	8.4	6.8	7.7
YEAR	12.9	4.2	8.7									

02160700 ENOREE RIVER AT WHITMIRE, SC

LOCATION.--Lat 34°30'33", long 81°35'54", Union County, Hydrologic Unit 03050108, on left bank at upstream side of bridge on U.S. Highway 176, 0.4 mi downstream from Seaboard Coast Line Railroad, 0.5 mi northeast of Whitmire, and at mile 19.2.

DRAINAGE AREA.--444 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Water-stage recorder. Datum of gage is 300.00 ft above National geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--13 years, 589 ft³/s, 18.02 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft³/s, Oct. 10, 1976, gage height 32.58 ft; minimum, 60 ft³/s, Jul. 15, 24, 1986, gage height, 13.96 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Nov. 22	1200	*4,690	*24.58	Dec. 1	2000	4,100	23.90

Minimum discharge, 60 ft³/s, Jul. 15, 24, gage height, 13.96 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	142	1570	3680	389	329	349	347	214	238	128	87	169
2	635	2380	2850	459	331	319	343	220	231	129	82	186
3	623	1930	1270	417	327	318	338	211	254	104	86	265
4	621	1740	916	382	326	314	332	202	231	96	84	488
5	365	715	768	365	326	310	324	200	213	88	130	651
6	273	936	686	355	334	303	316	199	204	86	155	499
7	230	664	626	345	354	302	308	19[illegible]	198	77	139	368
8	208	537	579	338	329	301	303	197	193	79	120	299
9	199	469	549	328	319	302	309	201	194	71	132	250
10	194	427	527	326	311	296	333	19[illegible]	310	68	136	230
11	189	403	499	333	349	305	312	187	254	64	123	232
12	185	394	489	328	379	317	295	180	205	65	151	215
13	182	466	535	326	378	324	287	184	193	69	308	206
14	179	445	663	320	330	659	283	197	184	66	719	192
15	174	405	578	318	317	826	277	292	169	61	379	183
16	173	394	504	311	321	638	273	250	165	207	243	172
17	172	544	481	306	320	492	270	221	159	225	187	166
18	169	487	464	317	321	434	264	255	152	159	1770	167
19	168	422	447	416	372	447	262	273	138	120	1470	175
20	168	394	433	563	401	786	258	249	136	103	1160	173
21	179	1930	425	488	371	850	291	268	136	88	538	169
22	221	4430	408	406	348	638	328	257	132	81	387	156
23	509	4190	401	370	336	530	294	231	132	72	290	144
24	430	2510	401	357	330	478	265	211	123	70	248	152
25	299	1080	398	350	328	443	255	207	119	86	216	140
26	256	817	387	353	336	419	250	220	116	151	194	125
27	233	698	374	378	333	402	246	227	111	147	175	120
28	219	622	370	378	331	389	245	331	104	123	183	116
29	209	597	378	342	---	374	233	567	108	109	174	113
30	202	1690	371	334	---	364	227	396	100	122	165	111
31	257	---	365	340	---	353	---	285	---	114	156	---
TOTAL	8263	34286	21822	11338	9487	13582	8668	7523	5202	3228	10387	6632
MEAN	267	1143	704	366	339	438	289	243	173	104	335	221
MAX	635	4430	3680	563	401	850	347	567	310	225	1770	651
MIN	142	394	365	306	311	296	227	180	100	61	82	111

CAL YR 1985 TOTAL 181406 MEAN 497 MAX 4430 MIN 137
WTR YR 1986 TOTAL 140418 MEAN 385 MAX 4430 MIN 61

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1974 to current year.

SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 127 microsiemens Dec. 23, 1979, minimum, 21 microsiemens Feb. 28, 1984.
pH: Maximum, 7.9 units Aug. 13, 1980; minimum. 5.6 units Sept. 18, 1977.
WATER TEMPEPATURE: Maximum, 32.5°C July 19-21, 1986, minimum, 0.5°C Jan. 19, 20, 1977, Jan. 11, 12, 1981, Jan. 21-25,1985.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sept. 6, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 105 microsiemens, June 26; minimum, 38 microsiemens Aug. 18.
pH: Maximum, 7.4 units, several days in Sept.; minimum 5.6.units, Nov. 22, 23.
WATER TEMPERATURE: Maximum, 32.5°C, July 19-21; minimum, 1.5°C, Jan. 28, 29.
DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Jan. 29; minimum, 5.4 mg/L, July 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	86	58	77	---	---	---	50	47	49	78	75	77
2	---	---	---	---	---	---	58	50	54	77	74	76
3	---	---	---	---	---	---	63	56	60	77	74	75
4	70	46	61	---	---	---	66	63	64	75	73	74
5	69	59	63	---	---	---	70	66	68	75	73	74
6	73	69	71	---	---	---	73	70	72	76	74	75
7	75	73	74	---	---	---	75	71	73	77	75	76
8	77	75	76	---	---	---	75	74	74	77	75	76
9	78	76	78	---	---	---	75	74	74	78	76	77
10	80	78	79	---	---	---	75	73	74	78	76	77
11	82	79	81	---	---	---	73	72	72	78	76	77
12	84	81	82	---	---	---	74	72	73	78	76	77
13	84	82	83	---	---	---	74	73	74	79	76	78
14	85	83	84	---	---	---	74	71	72	78	76	77
15	86	84	85	74	71	73	72	70	71	78	75	77
16	86	85	85	75	73	74	73	70	72	77	75	76
17	86	84	85	74	71	73	73	71	72	78	76	77
18	85	84	85	75	73	74	73	72	72	79	73	76
19	87	84	85	---	---	---	77	73	75	73	71	72
20	87	85	86	---	---	---	77	73	75	73	70	71
21	87	85	86	---	---	---	77	76	76	70	67	68
2	86	82	84	48	44	45	79	77	78	69	67	68
23	82	68	77	53	47	50	79	76	77	72	68	69
24	---	---	---	59	53	56	77	74	76	73	70	72
25	---	---	---	62	59	60	76	74	75	73	72	73
26	---	---	---	64	61	63	77	75	77	76	74	75
27	---	---	---	67	63	65	78	77	78	76	73	74
28	---	---	---	70	66	68	79	76	78	74	73	74
29	---	---	---	70	68	69	77	75	76	75	72	73
30	---	---	---	69	49	58	77	76	76	74	73	73
31	---	---	---	---	---	---	78	76	77	75	73	74
MONTH	87	46	79	75	44	64	79	47	72	79	67	74

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	75	74	75	72	70	72	72	68	70	79	78	78
2	75	72	74	73	71	72	71	69	70	79	77	78
3	75	72	73	74	71	73	71	68	69	80	78	79
4	74	72	73	75	71	73	72	70	71	81	79	80
5	74	71	73	72	70	71	74	73	73	83	80	81
6	75	71	72	72	70	71	75	74	74	83	82	82
7	72	71	72	74	71	72	76	74	75	83	82	83
8	74	72	73	73	71	72	76	74	75	82	80	81
9	75	73	74	74	72	73	76	73	74	81	79	80
10	75	72	73	75	73	74	74	72	73	81	80	81
11	74	72	73	75	73	74	76	73	75	82	81	82
12	73	70	72	74	72	73	77	75	76	84	82	83
13	73	70	72	73	70	72	77	76	76	87	83	85
14	73	71	72	75	63	69	78	76	77	---	---	---
15	74	70	72	66	61	63	78	76	77	63	59	61
16	74	71	73	63	62	62	78	75	77	69	62	65
17	74	70	72	65	62	64	76	74	75	71	68	70
18	72	69	71	67	65	66	77	74	76	72	70	71
19	71	69	70	67	62	65	77	74	75	75	65	70
20	70	67	68	64	61	63	77	75	76	69	65	68
21	68	66	67	63	54	59	76	71	73	69	67	68
22	70	67	68	---	---	---	73	72	72	68	65	67
23	71	69	70	---	---	---	73	72	72	68	65	66
24	72	70	71	---	---	---	73	72	72	70	67	68
25	72	70	71	67	65	66	75	72	74	73	69	71
26	74	69	71	67	65	66	---	---	---	74	72	73
27	72	68	70	68	66	67	---	---	---	73	70	72
28	72	69	70	69	67	68	---	---	---	74	59	69
29	---	---	---	70	68	69	---	---	---	62	54	58
30	---	---	---	71	70	70	---	---	---	52	48	50
31	---	---	---	72	70	71	---	---	---	59	52	56
MONTH	75	66	72	75	54	69	78	68	74	87	48	73

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	65	60	63	94	89	91	---	---	---	86	84	85
2	70	65	68	94	91	93	---	---	---	86	85	85
3	72	71	72	95	88	93	---	---	---	86	80	83
4	73	71	72	91	87	89	---	---	---	79	66	74
5	73	71	72	91	89	90	---	---	---	65	53	60
6	76	73	74	92	89	91	---	---	---	62	54	58
7	79	76	78	94	92	93	---	---	---	66	62	65
8	83	79	81	93	91	92	---	---	---	69	67	68
9	84	66	82	93	89	91	---	---	---	74	69	72
10	84	69	79	90	88	89	---	---	---	76	71	73
11	81	72	76	90	88	89	91	85	88	78	75	76
12	74	70	72	90	88	89	86	72	82	79	78	78
13	77	73	75	92	88	90	81	46	67	81	79	80
14	82	77	80	95	91	93	67	57	61	83	81	82
15	85	82	83	96	93	95	63	59	61	84	82	83
16	85	82	84	92	82	87	67	62	64	87	83	85
17	90	86	88	80	67	73	74	67	71	89	86	88
18	89	87	88	70	65	67	75	38	49	90	87	89
19	88	87	87	77	70	75	59	40	51	88	87	87
20	89	86	88	81	76	79	65	41	54	90	87	89
21	93	89	91	85	80	83	56	46	51	88	86	87
22	94	92	93	89	85	87	65	57	60	88	86	87
23	97	93	95	91	80	88	67	65	66	88	86	87
24	99	97	98	92	90	91	71	66	69	88	87	88
25	100	98	98	94	74	90	74	71	72	90	87	89
26	102	99	101	85	74	79	80	75	77	90	88	89
27	100	97	99	88	78	83	81	79	80	92	88	90
28	98	96	97	88	77	82	80	78	79	92	91	92
29	98	96	97	83	78	80	83	78	81	93	92	93
30	99	94	98	---	---	---	84	82	83	95	93	94
31	---	---	---	---	---	---	85	84	85	---	---	---
MONTH	102	60	84	96	65	87	91	38	69	95	53	82
YEAR	102	38	76									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.10	6.90	---	---	5.80	5.70	6.50	6.40	6.60	6.50	6.90	6.60
2	6.90	6.40	---	---	5.90	5.80	6.50	6.40	6.60	6.50	6.80	6.60
3	6.60	6.50	---	---	6.00	5.90	6.40	6.40	6.60	6.50	6.90	6.60
4	6.60	6.10	---	---	6.10	6.00	6.40	6.40	6.60	6.50	6.90	6.60
5	6.30	6.10	---	---	6.10	6.10	6.50	6.40	6.50	6.50	7.00	6.70
6	6.40	6.30	---	---	6.20	6.10	6.50	6.40	6.50	6.50	7.00	6.70
7	6.50	6.40	---	---	6.20	6.20	6.50	6.40	6.60	6.50	6.90	6.70
8	6.50	6.40	---	---	6.30	6.20	6.50	6.40	6.60	6.50	7.00	6.70
9	6.60	6.50	---	---	6.30	6.20	6.50	6.40	6.60	6.50	6.90	6.70
10	6.60	6.50	---	---	6.30	6.30	6.50	6.40	6.60	6.60	6.90	6.70
11	6.60	6.50	---	---	6.30	6.30	6.50	6.50	6.60	6.60	7.00	6.70
12	6.60	6.50	---	---	6.30	6.30	6.50	6.50	6.70	6.60	7.00	6.60
13	6.60	6.60	---	---	6.30	6.30	6.50	6.50	6.60	6.60	6.80	6.60
14	6.60	6.60	---	---	6.30	6.30	6.50	6.50	6.60	6.50	6.60	6.40
15	6.60	6.60	6.30	6.20	6.30	6.20	6.50	6.50	6.70	6.60	6.50	6.40
16	6.60	6.50	6.30	6.30	6.30	6.20	6.50	6.50	6.70	6.60	6.50	6.40
17	6.60	6.60	6.30	6.30	6.40	6.30	6.60	6.50	6.70	6.60	6.60	6.50
18	6.70	6.60	6.30	6.20	6.40	6.30	6.60	6.50	6.70	6.60	6.60	6.50
19	6.70	6.60	---	---	6.40	6.40	6.50	6.50	6.60	6.60	6.60	6.50
20	6.70	6.60	---	---	6.40	6.30	6.50	6.40	6.70	6.50	6.60	6.50
21	6.60	6.60	---	---	6.40	6.40	6.40	6.40	6.70	6.50	6.50	6.50
22	6.60	6.60	5.60	5.60	6.40	6.30	6.50	6.40	6.60	6.50	---	---
23	6.50	6.30	5.70	5.60	6.40	6.40	6.50	6.40	6.80	6.60	---	---
24	---	---	5.80	5.70	6.40	6.40	6.50	6.50	6.70	6.60	---	---
25	---	---	5.90	5.80	6.40	6.40	6.50	6.50	6.80	6.60	6.70	6.60
26	---	---	6.00	6.00	6.40	6.40	6.50	6.50	6.80	6.60	6.70	6.60
27	---	---	6.10	6.00	6.40	6.40	6.50	6.50	6.80	6.60	6.70	6.60
28	---	---	6.20	6.10	6.40	6.40	6.50	6.40	6.70	6.60	6.80	6.70
29	---	---	6.20	6.20	6.50	6.40	6.50	6.40	---	---	6.80	6.70
30	---	---	6.20	5.80	6.50	6.40	6.50	6.50	---	---	6.80	6.70
31	---	---	---	---	6.50	6.40	6.60	6.50	---	---	6.80	6.70
MONTH	7.10	6.10	6.30	5.60	6.50	5.70	6.60	6.40	6.80	6.50	7.00	6.40

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.80	6.50	6.90	6.70	6.50	6.40	6.50	6.40	---	---	7.30	7.20
2	6.80	6.70	6.90	6.80	6.50	6.40	6.50	6.40	---	---	7.30	7.20
3	6.80	6.70	6.90	6.90	6.50	6.40	6.60	6.40	---	---	7.20	7.10
4	6.80	6.70	6.90	6.90	6.50	6.50	6.60	6.40	---	---	7.10	7.00
5	6.80	6.70	7.00	6.90	6.50	6.50	6.60	6.40	---	---	7.00	6.80
6	6.80	6.70	7.00	6.90	6.60	6.50	6.60	6.40	---	---	6.90	6.80
7	6.80	6.70	6.90	6.90	6.60	6.50	6.60	6.50	---	---	7.00	6.90
8	6.70	6.70	6.90	6.90	6.60	6.50	6.60	6.50	---	---	7.10	7.00
9	6.80	6.70	6.90	6.90	6.60	6.20	6.70	6.50	---	---	7.10	7.10
10	6.80	6.70	7.00	6.90	6.40	6.20	6.60	6.50	---	---	7.20	7.10
11	6.80	6.70	7.00	6.90	6.30	6.30	6.70	6.50	7.20	7.10	7.20	7.20
12	6.80	6.70	7.00	6.90	6.40	6.30	6.70	6.50	7.10	7.00	7.20	7.20
13	6.80	6.70	7.10	6.90	6.40	6.40	6.70	6.50	7.10	6.50	7.30	7.20
14	6.80	6.70	---	---	6.50	6.40	6.70	6.60	6.80	6.70	7.30	7.20
15	6.80	6.80	6.70	6.50	6.50	6.40	6.70	6.60	6.80	6.70	7.30	7.30
16	6.80	6.70	6.70	6.70	6.50	6.40	6.60	6.30	6.90	6.80	7.30	7.30
17	6.80	6.80	6.80	6.70	6.50	6.40	6.30	6.30	7.00	6.90	7.40	7.30
18	6.90	6.80	6.80	6.60	6.50	6.40	6.40	6.30	7.00	6.20	7.40	7.30
19	6.90	6.80	6.60	6.50	6.50	6.40	6.50	6.40	6.60	6.20	7.40	7.30
20	6.90	6.80	6.60	6.60	6.50	6.40	6.50	6.40	6.60	6.30	7.30	7.30
21	6.80	6.70	6.70	6.60	6.60	6.50	6.60	6.50	6.60	6.40	7.30	7.30
22	6.80	6.70	6.70	6.60	6.60	6.50	6.70	6.60	6.80	6.70	7.30	7.30
23	6.80	6.80	6.70	6.60	6.60	6.40	6.70	6.50	6.90	6.80	7.40	7.30
24	6.90	6.80	6.70	6.70	6.60	6.40	6.70	6.50	7.00	6.90	7.40	7.30
25	6.90	6.80	6.70	6.70	6.60	6.40	6.80	6.50	7.10	7.00	7.40	7.30
26	---	---	6.70	6.60	6.60	6.40	6.50	6.50	7.10	7.10	7.40	7.30
27	---	---	6.60	6.60	6.60	6.40	6.50	6.50	7.20	7.10	7.40	7.30
28	---	---	6.60	6.50	6.60	6.40	6.60	6.50	7.20	7.10	7.40	7.30
29	---	---	6.40	6.20	6.60	6.40	6.70	6.50	7.20	7.20	7.40	7.30
30	---	---	6.30	6.20	6.60	6.40	---	---	7.30	7.20	7.40	7.30
31	---	---	6.40	6.30	---	---	---	---	7.30	7.20	---	---
MONTH	6.90	6.50	7.10	6.20	6.60	6.20	6.80	6.30	7.30	6.20	7.40	6.80
YEAR	7.40	5.60										

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.5	17.5	19.0	---	---	---	15.5	15.0	15.0	6.0	4.5	5.0
2	20.5	19.5	20.0	---	---	---	15.0	13.5	14.5	5.5	4.5	5.0
3	20.5	20.0	20.0	---	---	---	13.5	10.5	12.0	7.5	5.5	6.5
4	22.0	20.5	21.5	---	---	---	10.5	9.0	9.5	7.5	6.5	7.0
5	22.5	21.0	21.5	---	---	---	9.0	8.5	8.5	8.0	6.5	7.0
6	20.5	17.0	19.0	---	---	---	8.5	8.0	8.0	6.0	5.0	5.5
7	17.5	15.0	16.5	---	---	---	8.0	7.0	7.5	6.0	4.5	5.5
8	17.0	14.5	15.5	---	---	---	8.0	7.0	7.5	5.0	3.5	4.5
9	18.5	16.0	17.5	---	---	---	9.0	7.5	8.5	3.5	2.5	3.0
10	19.5	17.0	18.0	---	---	---	10.5	8.5	9.5	4.0	3.0	3.5
11	21.5	19.0	20.0	---	---	---	11.0	9.5	10.5	5.5	3.5	4.5
12	21.5	19.0	20.0	---	---	---	13.0	11.0	12.0	5.5	3.5	4.5
13	22.5	20.5	21.5	---	---	---	14.5	13.0	14.0	6.0	4.5	5.0
14	23.5	21.0	22.0	---	---	---	14.0	11.5	13.0	5.0	3.5	4.5
15	24.0	21.5	22.5	17.5	16.5	17.0	11.0	7.5	9.5	5.0	3.5	4.5
16	23.0	21.5	22.0	17.5	17.0	17.0	7.5	6.5	7.0	5.5	3.5	4.5
17	23.0	21.0	21.5	17.5	16.5	17.0	7.0	5.5	6.5	7.0	5.0	6.0
18	23.5	20.0	22.0	18.0	17.0	17.5	7.0	6.0	6.5	9.5	7.0	8.0
19	23.0	20.5	21.5	---	---	---	7.0	5.5	6.0	11.0	9.5	10.0
20	22.0	19.0	20.5	---	---	---	6.0	5.0	5.0	10.5	9.0	9.5
21	21.5	19.0	20.0	---	---	---	5.0	3.5	4.5	9.0	8.0	8.5
22	19.0	18.0	18.5	18.0	16.0	16.5	4.0	3.0	3.5	9.0	7.5	8.5
23	18.5	17.5	18.0	15.5	15.0	15.0	5.5	3.5	4.5	9.5	8.0	8.5
24	---	---	---	15.0	14.0	14.5	7.0	5.5	6.5	8.0	6.5	7.0
25	---	---	---	15.5	14.5	15.0	7.0	5.5	6.5	6.5	6.0	6.5
26	---	---	---	16.5	15.5	16.0	5.0	3.0	4.0	7.0	6.0	6.5
27	---	---	---	17.5	16.0	17.0	3.5	2.5	3.0	6.5	3.5	5.0
28	---	---	---	18.5	17.0	18.0	4.5	3.0	4.0	3.5	1.5	2.5
29	---	---	---	13.5	18.0	18.5	6.0	4.5	5.0	2.5	1.5	2.0
30	---	---	---	18.5	16.0	17.0	5.0	4.0	4.5	4.0	2.0	3.0
31	---	---	---	---	---	---	4.0	3.0	4.0	5.5	3.0	4.0
MONTH	24.0	14.5	20.0	18.5	14.0	16.5	15.5	2.5	8.0	11.0	1.5	5.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.0	4.0	5.0	10.0	8.5	9.0	19.5	16.0	17.5	23.0	21.0	22.0
2	8.0	5.0	6.5	9.5	6.5	8.0	19.5	16.5	18.0	23.5	20.0	21.5
3	10.5	8.0	9.0	11.0	8.0	9.5	20.0	17.0	18.5	22.0	18.0	20.0
4	12.0	9.5	11.0	10.5	8.5	9.5	21.0	18.0	19.5	20.5	16.5	18.0
5	12.5	11.5	12.0	11.5	9.0	10.0	21.5	18.5	20.0	21.0	16.0	18.5
6	13.5	12.5	13.0	12.0	9.0	10.0	21.5	19.0	20.0	22.5	18.5	20.5
7	14.0	12.5	13.0	11.5	9.0	10.0	22.5	19.5	21.0	24.0	20.0	22.0
8	12.0	10.5	11.0	11.0	8.5	9.5	21.0	19.5	20.0	23.5	20.5	21.5
9	10.0	9.5	10.0	10.5	8.0	9.5	19.5	17.0	18.5	23.0	20.5	21.5
10	10.0	9.5	10.0	12.5	10.0	11.0	18.0	15.0	16.0	22.0	19.0	20.5
11	10.0	9.5	10.0	16.0	12.0	14.0	17.5	13.5	15.5	22.0	17.5	20.0
12	10.0	8.0	9.0	17.5	15.0	16.0	17.0	14.0	15.5	23.0	20.5	21.5
13	8.0	6.0	7.0	16.0	15.5	16.0	18.5	14.5	16.5	22.5	20.5	21.0
14	6.0	5.0	5.5	15.5	14.0	14.5	18.5	15.5	17.0	---	---	---
15	7.0	5.0	6.0	15.0	14.0	14.5	19.5	17.0	18.0	21.5	19.0	20.5
16	8.0	5.0	6.5	14.5	13.5	14.0	18.0	15.5	17.0	22.0	20.0	21.0
17	9.5	6.5	8.0	15.5	13.0	14.0	16.5	14.0	15.0	23.5	21.0	22.0
18	11.5	9.5	10.5	16.0	13.5	14.5	18.0	13.5	16.0	24.0	22.0	23.0
19	12.5	10.5	11.5	16.5	15.5	16.0	19.0	14.5	16.5	23.0	22.0	22.5
20	14.0	11.5	12.5	15.5	14.0	15.0	18.0	15.5	17.0	24.0	21.5	22.5
21	15.0	12.5	14.0	14.0	11.5	13.0	19.5	17.0	18.0	22.5	20.5	21.5
22	14.5	13.5	14.0	---	---	---	18.0	15.0	16.5	22.5	19.5	21.0
23	14.0	12.0	13.0	---	---	---	17.0	14.0	15.0	21.5	18.5	20.0
24	12.0	10.5	11.0	---	---	---	17.0	13.0	15.0	23.0	19.5	21.0
25	11.0	9.0	10.0	15.0	11.5	13.0	18.5	14.0	16.5	24.0	21.0	22.5
26	9.5	8.5	9.0	15.5	13.0	14.5	---	---	---	23.0	22.0	22.5
27	11.5	9.0	10.0	17.0	14.0	15.5	---	---	---	22.5	22.0	22.5
28	11.0	9.5	10.5	17.5	14.0	15.5	---	---	---	23.0	21.5	22.5
29	---	---	---	17.0	13.5	15.5	---	---	---	23.5	22.5	23.0
30	---	---	---	18.0	14.0	16.0	---	---	---	25.0	22.5	23.5
31	---	---	---	18.5	15.0	17.0	---	---	---	26.0	23.5	24.5
MONTH	15.0	4.0	10.0	18.5	6.5	13.0	22.5	13.0	17.5	26.0	16.0	21.5

02160700 ENOREE RIVER AT WHITMIRE, SC--Contined

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986-Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	23.5	24.5	29.5	26.0	27.5	---	---	---	20.5	19.5	20.0
2	27.0	24.0	25.5	29.5	26.5	28.0	---	---	---	21.0	20.0	20.5
3	26.0	23.5	24.5	29.5	26.0	27.5	---	---	---	22.0	20.5	21.0
4	24.0	22.5	23.0	28.5	24.5	26.5	---	---	---	21.5	21.0	21.5
5	25.5	22.5	23.5	28.5	24.0	26.5	---	---	---	22.0	21.0	21.5
6	26.5	23.0	24.5	29.0	24.5	26.5	---	---	---	23.5	21.5	22.0
7	27.5	23.5	25.5	31.0	25.5	28.0	---	---	---	24.0	22.0	23.0
8	28.5	25.5	26.5	31.5	27.0	29.0	---	---	---	24.0	21.5	22.5
9	29.0	25.5	27.0	32.0	27.0	29.5	---	---	---	23.5	21.5	22.0
10	27.0	26.0	26.5	31.0	26.5	28.5	---	---	---	22.5	21.0	21.5
11	28.0	25.5	26.5	31.5	26.5	28.5	29.0	27.0	28.0	23.0	21.5	22.0
12	28.5	26.0	27.0	31.5	26.0	28.5	26.5	24.5	26.0	24.5	22.5	23.0
13	28.0	25.0	26.5	31.5	26.5	28.5	24.5	24.0	24.5	25.0	22.5	23.5
14	28.0	24.5	26.0	31.0	26.5	28.5	24.5	24.0	24.0	24.0	21.0	22.5
15	26.5	24.0	25.5	31.5	26.5	28.5	26.0	23.5	24.5	23.0	19.5	21.5
16	27.5	24.0	25.5	29.0	26.0	28.0	27.5	24.5	26.0	23.0	21.0	22.0
17	29.0	25.0	27.0	30.0	27.0	28.5	28.0	26.0	27.0	23.0	21.0	22.0
18	28.5	25.5	26.5	31.0	27.5	29.0	27.0	23.5	24.5	21.5	20.0	20.5
19	28.0	23.5	25.5	32.5	28.0	30.0	24.5	23.5	23.5	22.0	19.5	20.5
20	29.0	24.5	26.5	32.5	27.5	29.5	24.0	23.5	24.0	24.5	21.0	22.0
21	29.0	25.0	26.5	32.5	27.0	29.5	24.5	23.5	24.0	25.5	22.0	23.5
22	28.5	24.0	26.0	32.0	27.5	29.5	26.0	24.0	25.0	25.0	22.0	23.5
23	29.0	24.5	26.5	31.5	27.0	29.0	27.0	25.0	26.0	25.0	22.0	23.5
24	28.5	25.5	27.0	30.0	27.0	28.0	27.5	25.0	26.0	25.5	22.5	24.0
25	29.5	24.5	27.0	30.5	26.5	27.5	27.0	25.0	26.0	26.0	23.0	24.5
26	28.5	25.0	26.5	30.0	26.0	27.5	27.0	24.5	25.5	26.5	23.0	24.5
27	30.5	26.0	28.0	30.5	27.5	28.5	28.0	25.5	26.5	27.0	23.0	25.0
28	30.5	26.5	28.0	---	---	---	27.5	24.5	26.0	26.5	23.0	25.0
29	30.0	26.5	28.0	---	---	---	24.5	22.0	23.0	26.0	24.0	25.0
30	29.0	26.0	27.5	---	---	---	22.5	20.0	20.5	26.5	23.5	24.5
31	---	---	---	---	---	---	20.0	19.5	19.5	---	---	---
MONTH	30.5	22.5	26.0	32.5	24.0	28.5	29.0	19.5	25.0	27.0	19.5	22.5
YEAR	32.5	1.5	17.5									

BEST COPY AVAILABLE

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.7	8.2	8.5	---	---	---	8.8	8.5	8.6	12.8	12.3	12.6
2	8.2	7.3	7.7	---	---	---	9.2	8.5	8.8	12.5	12.4	12.4
3	7.5	7.3	7.4	---	---	---	10.3	9.2	9.8	12.4	11.6	12.0
4	7.6	7.2	7.3	---	---	---	10.9	10.3	10.7	11.8	11.6	11.7
5	7.5	7.1	7.3	---	---	---	11.0	10.8	10.9	11.8	11.6	11.7
6	8.2	7.5	7.9	---	---	---	11.1	11.0	11.0	12.6	11.6	12.2
7	8.8	8.3	8.7	---	---	---	11.3	11.1	11.2	12.7	12.5	12.6
8	9.5	8.8	9.2	---	---	---	11.4	11.2	11.3	13.2	12.6	12.9
9	9.4	8.8	9.1	---	---	---	11.2	10.8	11.0	13.7	13.2	13.5
10	9.0	8.5	8.8	---	---	---	10.7	10.5	10.6	13.6	13.1	13.4
11	8.5	8.1	8.4	---	---	---	10.5	10.0	10.3	13.1	12.9	13.0
12	8.4	8.0	8.2	---	---	---	9.9	9.3	9.6	13.2	12.7	12.9
13	8.3	7.8	8.0	---	---	---	9.3	8.8	9.0	12.6	12.5	12.6
14	8.1	7.6	7.8	---	---	---	9.5	8.8	9.0	13.0	12.6	12.8
15	7.8	7.3	7.6	9.3	9.2	9.3	10.7	9.6	10.2	13.1	12.8	13.0
16	7.8	7.4	7.6	9.2	9.1	9.2	11.5	10.7	11.1	13.3	13.1	13.2
17	8.0	7.7	7.9	9.2	9.0	9.1	11.6	11.5	11.6	13.1	12.3	12.8
18	8.3	7.9	8.0	9.1	9.0	9.0	11.6	11.5	11.6	12.2	11.4	11.9
19	8.4	7.9	8.2	---	---	---	11.8	11.5	11.6	11.3	10.7	10.9
20	8.5	8.1	8.2	---	---	---	12.2	11.9	12.0	11.0	10.7	10.9
21	8.4	8.1	8.2	---	---	---	12.4	12.1	12.3	11.5	10.9	11.3
22	8.8	8.4	8.7	8.4	7.8	8.1	12.7	12.4	12.7	11.7	11.5	11.6
23	8.7	8.5	8.6	8.8	8.2	8.5	12.7	11.9	12.4	11.5	11.4	11.5
24	---	---	---	9.4	8.8	9.0	11.9	11.4	11.7	12.2	11.5	12.0
25	---	---	---	9.5	9.4	9.5	11.7	11.4	11.5	12.4	12.2	12.3
26	---	---	---	9.5	9.2	9.4	13.0	11.7	12.5	12.3	11.9	12.1
27	---	---	---	9.2	9.0	9.1	13.3	13.0	13.2	12.7	11.9	12.2
28	---	---	---	9.0	8.7	8.9	13.1	12.7	12.9	13.8	12.8	13.4
29	---	---	---	8.7	8.6	8.7	12.6	12.2	12.4	14.2	13.8	14.0
30	---	---	---	9.0	8.6	8.8	12.7	12.2	12.5	13.9	13.4	13.7
31	---	---	---	---	---	---	13.0	12.8	12.9	13.4	12.9	13.2
MONTH	9.5	7.1	8.1	9.5	7.8	9.0	13.3	8.5	11.2	14.2	10.7	12.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	12.6	12.9	12.0	10.8	11.3	9.5	8.7	9.1	8.7	8.2	8.4
2	12.6	11.9	12.4	12.3	11.3	11.7	9.3	8.5	8.8	8.5	8.2	8.3
3	11.8	11.0	11.5	12.0	10.9	11.4	9.2	8.5	8.8	8.7	8.3	8.6
4	11.1	10.6	10.9	11.7	10.8	11.1	9.0	8.3	8.6	9.3	8.8	9.0
5	10.5	10.2	10.4	11.8	10.8	11.2	8.8	8.2	8.5	9.4	8.7	9.0
6	10.3	10.0	10.2	11.8	10.7	11.1	8.5	8.0	8.3	8.8	8.2	8.5
7	10.5	10.0	10.2	11.6	10.6	11.0	8.3	7.7	8.0	8.4	7.9	8.1
8	10.9	10.2	10.6	12.0	10.7	11.2	8.0	7.7	7.9	8.3	7.9	8.1
9	11.5	10.9	11.2	12.1	10.9	11.4	8.4	7.9	8.2	8.3	7.9	8.0
10	11.4	11.2	11.3	11.3	10.2	10.8	9.0	8.4	8.7	8.5	8.0	8.3
11	11.2	11.1	11.1	10.9	9.4	10.2	9.1	8.7	8.9	8.8	8.1	8.5
12	11.8	11.1	11.5	10.4	9.0	9.5	9.1	8.7	8.9	8.2	7.8	8.0
13	12.4	11.7	12.1	9.7	8.8	9.2	9.1	8.4	8.8	8.1	7.5	7.8
14	13.0	12.4	12.7	9.3	9.0	9.1	9.0	8.4	8.7	---	---	---
15	13.0	12.5	12.7	9.3	9.0	9.1	8.9	7.8	8.2	8.1	7.8	7.9
16	12.9	12.3	12.5	9.4	8.9	9.1	9.0	8.2	8.6	8.0	7.7	7.9
17	12.4	11.5	12.1	9.6	9.3	9.4	9.7	8.6	9.1	7.9	7.5	7.7
18	11.5	10.8	11.2	9.7	9.2	9.5	9.7	8.3	8.9	7.7	7.4	7.6
19	10.9	10.4	10.7	9.2	8.9	9.0	9.4	8.2	8.8	7.5	7.3	7.4
20	10.9	10.1	10.5	9.3	9.0	9.1	9.4	8.1	8.6	7.7	7.4	7.6
21	10.7	9.8	10.2	9.9	9.3	9.6	9.0	8.0	8.5	7.8	7.5	7.7
22	10.0	9.7	9.8	---	---	---	8.9	8.7	8.8	8.0	7.7	7.9
23	11.0	9.9	10.4	---	---	---	10.0	9.0	9.3	8.3	7.8	8.1
24	11.1	10.3	10.6	---	--	---	10.1	8.4	9.2	8.2	7.7	8.0
25	11.7	10.7	11.1	9.9	9.4	9.6	9.8	8.3	9.0	7.9	7.5	7.7
26	11.8	11.0	11.3	9.6	9.1	9.4	---	---	---	7.6	7.4	7.5
27	11.5	10.7	11.1	9.5	9.0	9.2	---	---	---	7.6	7.5	7.5
28	11.1	10.5	10.8	9.6	9.1	9.3	---	---	---	7.6	7.3	7.5
29	---	---	---	9.9	9.2	9.5	---	---	---	7.2	6.9	7.1
30	---	---	---	9.9	9.2	9.5	---	---	---	7.1	6.8	7.0
31	---	---	---	9.8	9.1	9.4	---	---	---	7.0	6.7	6.9
MONTH	13.0	9.7	11.2	12.3	8.8	10.0	10.1	7.7	8.7	9.4	6.7	7.9

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02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.0	6.7	6.9	6.6	5.9	6.1	---	---	---	8.7	8.6	8.6
2	7.0	6.7	6.8	6.4	5.8	6.0	---	---	---	8.6	8.4	8.6
3	7.2	6.7	7.0	6.6	5.8	6.2	---	---	---	8.5	8.3	8.4
4	7.6	7.3	7.5	6.9	6.1	6.4	---	---	---	8.3	8.2	8.2
5	7.6	7.3	7.5	6.9	6.1	6.5	---	---	---	8.3	8.1	8.2
6	7.6	7.3	7.4	6.8	5.9	6.4	---	---	---	8.1	8.0	8.1
7	7.5	7.0	7.3	6.6	5.7	6.1	---	---	---	8.1	7.9	8.0
8	7.2	6.8	7.0	6.4	5.4	5.9	---	---	---	8.2	7.9	8.1
9	7.2	6.9	7.0	6.5	5.5	5.9	---	---	---	8.5	8.0	8.3
10	6.9	6.8	6.8	6.6	5.6	6.0	---	---	---	8.7	8.5	8.6
11	7.0	6.8	6.9	6.6	5.7	6.1	7.0	6.8	6.9	8.5	8.3	8.4
12	7.0	6.8	6.9	6.6	5.7	6.1	7.3	6.7	7.1	8.3	8.0	8.2
13	7.2	6.8	7.1	6.6	5.7	6.1	7.5	7.1	7.2	8.2	8.0	8.1
14	7.3	6.9	7.1	6.7	5.7	6.2	7.4	7.0	7.2	8.5	8.0	8.3
15	7.2	7.0	7.1	6.7	5.7	6.1	7.2	7.0	7.1	8.9	8.3	8.6
16	7.2	6.7	7.0	6.2	5.6	5.9	7.1	6.9	7.0	8.8	8.5	8.6
17	6.8	6.3	6.6	6.0	5.6	5.8	7.0	6.9	6.9	8.9	8.6	8.7
18	---	---	---	6.1	5.7	5.9	7.6	6.6	7.0	9.1	8.7	8.9
19	---	---	---	6.1	5.6	5.8	7.5	6.0	6.6	9.0	8.7	8.9
20	---	---	---	6.2	5.6	5.9	7.3	7.0	7.2	8.7	8.4	8.6
21	---	---	---	6.3	5.6	6.0	7.2	7.0	7.1	8.5	8.1	8.3
22	---	---	---	6.5	5.6	6.0	7.4	7.2	7.3	8.4	8.1	8.2
23	---	---	---	6.6	5.6	6.0	7.3	7.1	7.2	8.4	8.0	8.2
24	---	---	---	6.7	5.7	6.1	7.3	7.1	7.2	8.3	7.8	8.1
25	---	---	---	7.0	5.9	6.3	7.5	7.1	7.3	8.2	7.7	7.9
26	---	---	---	6.3	5.8	6.0	7.6	7.4	7.5	8.2	7.7	7.9
27	7.1	6.0	6.6	6.2	5.7	5.9	7.5	7.2	7.4	8.1	7.6	7.9
28	7.0	6.0	6.4	6.3	5.8	6.0	7.7	7.2	7.4	8.1	7.6	7.8
29	7.0	6.0	6.4	6.2	5.8	6.0	8.3	7.7	8.1	8.1	7.6	7.8
30	6.9	5.9	6.3	---	---	---	8.7	8.2	8.5	8.1	7.6	7.8
31	---	---	---	---	---	---	8.8	8.7	8.7	---	---	---
MONTH	7.6	5.9	6.9	7.0	5.4	6.1	8.8	6.0	7.3	9.1	7.6	8.3
YEAR	14.2	5.4	9.1									

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02160775 HELLERS CREEK NR POMARIA, S.C.

LOCATION.--Lat 34°21'38", long 81°29'32", Newberry County, Hydrologic Unit 03050106, on downstream side of state Road 55 bridge, 7.8 mi northwest of Pomaria and 9.2 mi northeast of Newberry.

DRAINAGE AREA.--8.16 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 375 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges; Jun. 7-9, Jun. 14 to Jul. 7, which are poor.

AVERAGE DISCHARGE.--6 years, 7.57 ft³/s, 12.60 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 756 ft³/s, Mar. 17, 1983, gage height, 8.02 ft; minimum, 0.40 ft³/s, Jul. 20, 1986, gage height 0.73 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 321 ft³/s, Nov. 30, gage height, 6.81 ft; minimum, 0.40 ft³/s, Jul. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	130	50	5.4	5.9	3.8	4.4	2.0	2.3	1.5	1.1	2.9
2	4.0	36	29	4.7	5.8	3.7	4.1	1.9	1.9	1.5	1.0	2.6
3	4.0	16	16	4.3	5.7	3.8	3.8	1.8	1.8	1.6	.94	7.0
4	17	17	11	3.9	5.5	3.7	3.6	1.8	1.7	1.5	.95	5.3
5	3.9	11	9.6	3.7	5.6	3.7	3.5	1.9	1.6	1.4	.92	9.8
6	2.5	7.4	8.8	3.6	7.1	3.6	3.4	1.9	1.5	1.3	.88	8.3
7	2.0	5.8	8.0	3.5	7.6	3.6	3.3	1.9	1.4	1.1	.94	5.3
8	1.8	5.0	7.2	3.0	6.2	3.5	3.6	2.0	1.3	.77	1.1	4.0
9	1.7	4.4	6.9	2.9	5.7	3.6	3.7	2.0	1.3	.74	.73	3.4
10	1.6	4.2	6.5	3.0	6.3	3.6	3.5	1.9	5.1	.67	.72	3.1
11	1.5	4.0	6.2	2.9	10	3.6	3.4	1.9	2.7	.71	.69	2.8
12	1.5	6.9	6.3	2.9	8.0	3.6	3.4	1.8	2.2	.64	7.0	2.8
13	1.5	9.1	9.4	2.6	6.8	4.5	3.3	2.3	2.0	.60	13	2.5
14	1.5	6.9	7.6	2.5	6.3	8.9	3.1	3.1	1.8	.69	27	2.4
15	1.4	6.1	6.8	2.5	6.2	6.8	2.9	2.4	1.7	1.1	6.8	2.2
16	1.5	5.5	6.8	2.5	5.4	5.7	2.9	2.1	1.6	.86	4.2	2.1
17	1.5	5.2	6.5	2.5	5.1	5.3	2.8	2.1	1.7	.81	3.1	2.1
18	1.5	4.7	6.2	17	4.9	4.8	2.8	1.9	1.6	.73	110	1.9
19	1.5	4.5	5.8	44	4.7	10	2.8	2.3	1.5	.66	26	1.9
20	1.5	6.2	5.5	16	4.5	20	2.8	2.7	1.4	.60	14	1.9
21	2.4	21	5.3	11	4.5	13	4.0	2.0	1.4	.59	16	1.9
22	9.7	98	5.2	8.8	4.4	8.4	3.4	1.8	1.3	.66	5.4	1.8
23	6.0	31	5.2	7.4	4.4	6.7	3.0	1.7	1.3	.63	3.8	1.7
24	4.2	16	5.0	6.8	4.3	6.0	2.8	1.5	1.4	2.5	3.4	1.6
25	3.6	12	4.6	6.6	4.1	5.4	2.7	1.7	1.4	5.0	3.1	1.6
26	3.2	10	4.3	7.9	4.1	5.3	2.6	2.4	1.5	4.0	2.8	1.5
27	3.0	8.8	4.3	7.4	4.0	5.3	2.4	4.5	1.5	2.3	2.4	1.5
28	2.9	7.6	4.2	6.4	3.9	5.0	2.3	11	1.4	2.1	2.6	1.5
29	2.6	11	4.1	6.6	---	4.8	2.1	4.0	1.3	2.5	2.3	1.5
30	2.9	161	3.8	6.5	---	4.6	2.1	2.9	1.4	1.4	2.1	1.5
31	16	---	4.1	6.2	---	4.4	---	2.4	---	1.1	2.8	---
TOTAL	110.9	672.3	270.2	215.0	157.0	178.7	94.5	77.6	52.0	42.26	267.77	90.4
MEAN	3.58	22.4	8.72	6.94	5.61	5.76	3.15	2.50	1.73	1.36	8.64	3.01
MAX	17	161	50	44	10	20	4.4	11	5.1	5.0	110	9.8
MIN	1.0	4.0	3.8	2.5	3.9	3.5	2.1	1.5	1.3	.59	.69	1.5

CAL YR 1985	TOTAL	2199.17	MEAN	6.03	MAX	161	MIN	.60
WTR YR 1986	TOTAL	2228.63	MEAN	6.11	MAX	161	MIN	.59

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°18'17", long 81°19'14", Fairfield County, Hydrologic Unit 03050106, on left bank at Fairfield Pump Storage Intake, 7.0 mi northwest of Jenkinsville.

PERIOD OF RECORD.--March 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1978 to current year.
pH: March 1978 to current year.
WATER TEMPERATURE: March 1978 to current year.
DISSOLVED OXYGEN: March 1978 to current year.

INSTRUMENTATION.--Water-quality monitor since March 1978.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 139 microsiemens, Jul. 29, 1986; minimum, 28 microsiemens, Nov. 23, 1985.
pH: Maximum, 9.1 units, Jun. 20, 1978, Jun. 21, 1985; minimum, 6.2 units, several days in 1982, 1983, 1985, and 1986.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 17, 1984; minimum, 1.0°C, Jan. 15, 1982.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L, Dec. 27, 1980; minimum, 1.1 mg/L, Aug. 3, 1980.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 139 microsiemens, Jul. 29; minimum, 28 microsiemens, Nov. 23.
pH: Maximum, 8.9 units, Apr. 1-3, 27; minimum, 6.2 units, Nov. 23-25, May 31-Jun. 2.
WATER TEMPERATURE: Maximum, 34.0°C, Jul. 21; minimum, 3.5°C, Jan. 10.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Feb. 1; minimum, 3.2 mg/L, Jul. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	88	86	87	100	90	91	---	---	---	---	---	---
2	94	85	87	92	78	80	58	55	57	---	---	---
3	108	85	91	90	56	82	58	52	57	---	---	---
4	94	85	88	89	57	82	59	35	53	---	---	---
5	87	73	83	86	82	84	59	50	57	---	---	---
6	86	82	85	81	50	76	58	46	55	---	---	---
7	86	84	86	88	64	76	58	54	57	---	---	---
8	86	86	86	79	56	75	58	53	57	---	---	---
9	87	86	86	81	63	75	58	57	59	60	59	60
10	87	86	86	82	72	78	59	57	58	62	59	60
11	88	86	86	82	75	81	59	57	58	60	59	60
12	86	86	86	84	80	82	59	57	58	64	59	60
13	97	85	88	85	75	80	60	58	58	67	59	62
14	104	86	90	77	75	76	60	57	58	65	59	61
15	97	87	89	74	72	73	61	57	58	69	60	62
16	94	87	89	73	66	70	59	58	58	64	60	61
17	101	87	89	69	67	68	59	58	58	64	60	61
18	92	87	88	69	65	66	59	58	58	64	60	61
19	105	86	90	69	66	66	58	57	58	69	60	62
20	111	88	95	70	66	67	59	57	58	63	60	61
21	106	91	93	69	64	66	59	57	58	64	60	61
22	107	91	93	66	61	64	59	57	58	67	60	62
23	102	91	92	65	28	60	60	56	58	65	60	61
24	105	90	94	65	29	56	61	58	59	64	60	61
25	101	90	91	65	33	59	64	58	59	62	60	61
26	104	90	93	65	41	62	59	58	58	67	60	62
27	103	90	93	65	48	61	59	58	58	71	61	63
28	91	90	90	64	52	60	59	51	58	72	61	63
29	97	90	91	64	48	62	---	---	---	65	61	62
30	90	90	90	64	57	61	---	---	---	62	61	62
31	101	90	91	---	---	---	---	---	---	62	61	61
MONTH	111	73	89	100	28	72	64	35	58	72	59	61

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	72	61	64	66	65	66	86	82	84	97	88	90
2	74	61	66	70	65	67	91	82	86	101	89	92
3	68	61	63	75	66	68	89	82	85	99	90	92
4	78	61	65	81	66	68	87	83	84	104	90	92
5	77	63	66	77	66	68	89	83	85	108	90	96
6	71	62	65	83	66	71	89	83	85	99	90	92
7	73	64	66	77	68	71	91	84	86	101	90	92
8	70	62	65	77	66	69	93	83	86	109	90	93
9	77	62	68	71	67	69	92	86	88	105	91	93
10	78	63	67	82	65	69	87	85	86	93	92	92
11	73	64	66	74	65	68	87	85	86	110	92	98
12	69	63	65	78	67	69	92	85	87	125	92	99
13	73	63	66	77	66	69	94	85	87	115	92	98
14	67	64	65	79	67	71	92	85	86	118	93	100
15	67	63	64	78	67	71	92	84	86	112	96	100
16	70	63	65	69	65	68	94	85	88	109	96	97
17	73	63	66	69	64	68	95	86	89	107	97	100
18	80	64	69	68	59	65	88	86	87	119	97	105
19	78	64	66	68	61	67	87	86	87	118	95	102
20	71	64	66	67	58	64	97	87	91	109	96	100
21	69	64	66	66	55	64	100	88	91	104	96	98
22	73	64	66	66	61	66	97	87	89	105	97	99
23	70	64	66	66	55	62	94	88	90	106	97	100
24	76	65	68	68	62	65	93	87	89	99	97	98
25	77	65	67	69	60	66	89	87	88	107	97	100
26	73	65	68	72	65	69	89	87	88	105	98	101
27	75	67	70	75	69	72	98	88	91	108	97	100
28	68	65	66	77	72	75	102	88	91	103	97	99
29	---	---	---	80	75	78	98	88	91	102	97	98
30	---	---	---	86	79	82	95	87	91	102	97	99
31	---	---	---	90	83	86	---	---	---	99	95	98
MONTH	80	61	66	90	55	69	102	82	88	125	88	97

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	99	93	97	112	102	105	120	109	112	97	96	96
2	99	94	97	109	102	104	121	110	112	99	95	97
3	97	95	97	117	101	104	121	108	112	104	95	97
4	99	96	97	120	101	105	122	110	113	108	95	98
5	100	96	97	127	101	106	112	110	111	96	83	93
6	102	97	98	109	100	104	129	111	114	96	67	90
7	101	96	98	121	102	107	125	111	114	97	71	89
8	104	97	99	116	103	107	123	111	113	96	78	92
9	106	97	100	113	104	106	123	111	115	96	83	92
10	107	98	100	117	103	106	119	111	113	96	84	93
11	109	98	101	110	103	104	129	111	116	96	91	94
12	103	98	100	116	103	105	120	109	112	95	93	94
13	105	97	100	116	103	106	119	110	111	97	93	95
14	107	96	102	113	104	106	129	111	115	99	96	96
15	105	96	101	---	---	---	118	91	109	101	95	97
16	109	99	103	---	---	---	113	103	110	97	95	96
17	106	98	102	---	---	---	112	105	109	106	96	97
18	103	98	101	114	104	106	111	105	109	113	96	99
19	104	99	102	112	104	106	109	82	102	98	95	96
20	103	99	101	128	105	109	109	59	94	110	95	98
21	105	99	102	115	106	107	108	44	94	107	97	100
22	106	100	102	116	105	108	108	55	94	110	96	101
23	108	100	103	117	106	108	108	75	98	112	97	101
24	113	98	103	114	106	107	108	49	85	106	97	100
25	108	98	101	125	106	110	108	64	91	110	97	99
26	109	100	101	108	106	107	106	66	92	---	---	---
27	111	99	102	133	106	113	101	82	94	---	---	---
28	110	100	102	132	107	113	101	89	96	---	---	---
29	121	100	105	139	109	114	100	92	97	---	---	---
30	119	100	106	122	108	112	98	95	97	110	98	101
31	---	---	---	123	110	112	98	95	96	---	---	---
MONTH	121	93	101	139	100	107	129	44	105	113	67	96
YEAR	139	28	85									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	7.0	7.1	7.0	---	---	---	---	7.1	7.0	7.3	7.2
2	7.2	7.1	7.0	6.8	6.7	6.6	---	---	7.2	7.0	7.2	7.1
3	7.4	7.2	6.9	6.4	6.7	6.6	---	---	7.1	7.0	7.2	7.1
4	7.4	7.2	6.9	6.5	6.7	6.5	---	---	7.2	7.0	7.3	7.1
5	7.4	7.0	6.9	6.8	6.7	6.7	---	---	7.2	7.0	7.3	7.1
6	7.8	7.2	6.9	6.6	6.7	6.6	---	---	7.1	7.0	7.4	7.0
7	7.7	7.2	6.9	6.7	6.8	6.7	---	---	7.1	7.0	7.3	7.0
8	7.7	7.5	6.9	6.6	6.8	6.7	---	---	7.2	7.0	7.4	7.1
9	7.5	7.4	6.9	6.7	6.8	6.7	7.0	7.0	7.3	7.1	7.2	7.1
10	7.5	7.4	7.0	6.8	6.8	6.7	7.0	6.9	7.2	7.1	7.5	7.1
11	7.5	7.4	7.3	6.9	6.8	6.7	7.0	7.0	7.2	7.0	7.3	7.1
12	7.6	7.4	7.3	7.0	6.8	6.7	7.0	6.9	7.2	7.0	7.4	7.2
13	8.4	7.4	7.3	6.5	6.8	6.7	7.0	7.0	7.2	7.1	7.4	7.1
14	7.5	7.2	8.0	6.6	6.8	6.8	7.0	7.0	7.1	7.0	7.3	7.1
15	7.3	7.2	7.0	6.6	6.9	6.8	7.0	7.0	7.2	7.0	7.4	7.0
16	7.5	7.2	6.7	6.5	6.8	6.8	7.1	7.0	7.2	7.1	7.8	7.0
17	7.5	7.2	6.9	6.6	6.9	6.8	7.1	7.0	7.2	7.1	8.0	7.0
18	7.7	7.2	7.5	6.6	6.9	6.8	7.1	7.0	7.3	7.2	7.5	7.0
19	8.5	7.2	7.9	6.6	6.9	6.8	7.1	7.0	7.3	7.0	7.3	7.0
20	7.3	7.1	8.0	6.6	6.9	6.8	7.0	6.9	7.2	7.0	7.5	7.0
21	7.3	7.1	7.3	6.6	6.8	6.8	7.2	6.9	7.2	7.0	7.4	6.9
22	7.2	7.1	6.9	6.6	6.8	6.8	7.1	6.9	7.3	7.1	7.5	7.1
23	7.1	7.0	6.8	6.2	6.8	6.8	7.1	7.0	7.3	7.1	7.3	7.0
24	7.1	7.0	6.7	6.2	6.8	6.8	7.2	7.0	7.2	7.0	7.7	7.1
25	7.2	7.0	6.7	6.2	6.9	6.8	7.2	7.0	7.3	7.1	7.9	7.0
26	7.1	7.0	6.7	6.3	6.9	6.8	7.1	7.0	7.2	7.1	8.0	7.1
27	7.1	7.0	6.7	6.5	6.9	6.8	7.1	7.0	7.3	7.1	8.3	7.1
28	7.0	7.0	6.7	6.5	6.9	6.8	7.1	7.0	7.3	7.1	8.0	7.1
29	7.1	7.0	6.7	6.6	---	---	7.0	7.0	---	---	8.4	7.0
30	7.0	7.0	6.7	6.6	---	---	7.1	7.0	---	---	8.2	7.1
31	7.1	7.0	---	---	---	---	7.0	7.0	---	---	8.7	7.1
MONTH	8.5	7.0	8.0	6.2	6.9	6.5	7.2	6.9	7.3	7.0	8.7	6.9

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.9	7.6	7.6	6.8	7.2	6.2	6.9	6.7	7.1	7.0	7.2	7.1
2	8.9	7.2	8.7	6.8	7.4	6.2	6.8	6.6	7.0	7.0	7.3	7.1
3	8.9	7.3	8.4	6.9	7.2	6.3	7.7	6.6	7.2	7.0	7.2	7.1
4	8.7	7.2	8.1	6.9	7.0	6.5	7.9	6.8	7.1	7.0	7.2	7.0
5	8.4	7.1	7.3	6.7	6.8	6.3	7.6	6.8	7.2	7.0	7.2	7.0
6	7.7	7.1	7.3	6.7	6.8	6.3	7.6	6.8	7.1	7.0	7.3	6.9
7	8.6	7.1	7.6	6.7	6.5	6.3	7.3	6.7	7.2	7.0	7.2	6.9
8	8.1	7.1	8.1	6.7	6.4	6.3	7.2	6.7	7.3	7.2	7.3	6.9
9	7.5	7.1	8.0	6.7	6.5	6.3	7.0	6.8	7.3	7.2	7.0	6.9
10	7.4	7.1	7.9	7.0	6.8	6.3	8.1	6.8	7.3	7.3	7.0	6.8
11	7.2	7.1	7.5	6.7	6.6	6.4	7.3	7.0	7.3	7.3	6.9	6.8
12	7.4	7.1	8.0	6.5	6.5	6.3	7.1	6.9	7.4	7.3	6.8	6.8
13	7.7	7.1	7.7	6.7	7.2	6.4	7.5	7.0	7.5	7.3	7.0	6.8
14	8.0	7.1	8.0	6.6	7.2	6.5	8.6	7.0	7.4	7.3	7.0	6.8
15	7.1	7.0	7.8	6.5	7.0	6.4	---	---	7.6	7.2	7.0	6.8
16	7.7	7.0	8.1	6.4	6.8	6.4	---	---	7.6	7.3	7.3	6.8
17	7.2	7.0	8.1	6.4	6.8	6.4	---	---	7.5	7.3	7.2	6.9
18	7.4	7.1	7.3	6.4	6.7	6.5	8.3	6.9	7.6	7.3	7.1	7.0
19	7.5	7.0	8.2	6.4	6.7	6.5	7.7	7.0	7.7	7.0	7.1	6.9
20	7.1	6.9	7.8	6.4	6.6	6.5	7.8	7.0	7.4	6.7	7.3	7.0
21	7.1	7.0	8.0	6.4	6.6	6.5	7.9	6.9	7.3	6.6	7.3	7.0
22	7.3	7.0	8.1	6.5	6.6	6.5	7.4	7.1	7.3	6.7	7.2	7.0
23	7.2	7.0	8.0	6.6	6.6	6.5	7.7	7.0	7.7	6.9	7.4	7.0
24	7.2	7.0	8.2	6.5	7.7	6.3	7.7	7.1	8.3	6.7	8.0	7.2
25	8.1	7.0	8.3	6.5	8.6	6.4	7.4	7.0	7.9	6.9	8.2	7.2
26	8.4	7.0	7.8	6.4	8.6	6.8	7.5	7.1	7.5	7.0	---	---
27	8.5	7.0	7.2	6.3	8.5	6.7	7.4	7.0	7.3	7.0	---	---
28	7.1	6.9	7.2	6.4	7.2	6.6	7.3	7.0	7.3	7.1	---	---
29	8.9	6.8	7.2	6.3	7.0	6.5	7.2	7.0	7.3	7.1	---	---
30	8.7	6.9	7.3	6.3	7.5	6.6	7.2	7.0	7.2	7.2	8.0	7.4
31	---	---	7.4	6.2	---	---	7.1	7.0	7.2	7.2	---	---
MONTH	8.9	6.8	8.7	6.2	8.6	6.2	8.6	6.6	8.3	6.6	8.2	6.8
YEAR	8.9	6.2										

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	24.5	24.5	20.5	18.0	20.0	---	---	---	---	---	---
2	25.0	24.0	24.5	20.5	17.0	20.0	17.5	16.0	17.0	---	---	---
3	25.0	22.5	24.5	20.5	17.0	19.5	16.5	15.5	16.5	---	---	---
4	25.0	22.0	24.0	20.0	16.5	19.5	17.0	10.5	15.0	---	---	---
5	25.0	22.0	23.5	20.0	19.5	19.5	16.0	13.5	16.0	---	---	---
6	25.5	22.0	24.0	19.5	14.5	19.0	15.5	8.5	14.0	---	---	---
7	24.5	21.0	23.5	19.5	17.0	19.0	15.5	11.5	14.5	---	---	---
8	24.0	23.0	23.5	20.0	14.0	18.5	15.0	8.0	13.0	---	---	---
9	24.0	20.0	23.0	19.0	13.5	17.5	15.0	14.0	15.0	10.5	10.0	10.0
10	23.5	21.5	23.5	19.0	13.5	17.5	15.0	12.0	14.5	10.0	3.5	9.0
11	24.0	22.5	23.5	19.5	15.0	19.0	15.0	11.5	14.5	10.5	9.5	10.0
12	24.0	23.5	24.0	19.5	16.5	18.5	15.0	14.5	15.0	9.5	4.5	8.5
13	26.0	21.5	23.5	19.5	18.0	19.0	15.0	12.0	14.5	9.5	4.0	8.0
14	23.5	21.5	23.0	20.5	18.5	19.0	14.5	12.0	14.0	9.0	6.5	8.5
15	23.5	23.0	23.0	19.0	18.5	19.0	14.0	11.0	13.5	10.0	6.0	8.5
16	23.5	23.0	23.5	18.5	16.0	18.0	14.0	13.0	13.5	10.5	7.0	9.0
17	23.5	23.0	23.5	19.5	18.0	18.5	13.5	8.0	12.5	10.0	7.0	9.0
18	24.0	23.0	23.5	20.5	18.0	19.0	13.5	10.5	13.0	12.5	7.0	9.5
19	26.0	23.0	24.0	20.0	18.0	19.0	13.0	13.0	13.0	9.5	7.0	8.5
20	23.5	22.5	23.0	20.5	17.5	19.0	13.0	12.5	12.5	9.0	8.0	8.5
21	23.0	22.5	23.0	20.0	17.0	19.0	12.5	12.5	12.5	12.0	8.5	10.0
22	22.5	21.0	22.5	19.0	17.5	18.5	12.5	12.5	12.5	10.0	8.0	9.5
23	22.5	21.0	22.5	18.5	15.5	18.0	12.5	11.0	12.0	11.0	8.0	10.5
24	23.0	19.5	22.0	18.0	14.0	17.0	12.0	9.5	11.5	11.0	8.0	10.5
25	23.5	20.5	23.0	18.0	14.0	17.0	11.5	7.5	10.5	10.5	7.0	9.5
26	22.5	19.5	22.0	18.0	14.5	17.5	11.5	11.0	11.5	10.0	6.5	9.0
27	22.0	19.0	21.0	18.0	15.5	17.5	11.0	8.5	10.5	9.0	6.0	8.5
28	22.0	21.5	21.5	18.0	16.5	17.5	11.0	11.0	11.0	8.5	5.0	8.0
29	21.0	19.0	21.0	18.0	17.0	18.0	---	---	---	8.0	7.0	8.0
30	21.0	20.5	20.5	18.0	17.0	17.5	---	---	---	9.0	8.0	8.0
31	20.5	16.5	20.0	---	---	---	---	---	---	8.0	8.0	8.0
MONTH	26.0	16.5	23.0	20.5	13.5	18.5	17.5	7.5	13.5	12.5	3.5	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.0	4.0	7.0	13.0	12.0	12.0	19.5	15.5	17.5	20.5	17.5	19.0
2	8.5	4.0	7.0	11.5	10.0	11.0	23.5	14.0	18.0	24.0	18.0	21.5
3	9.0	7.5	8.5	11.0	9.5	10.5	22.0	16.0	19.0	23.5	19.5	22.0
4	9.5	7.5	8.5	11.5	9.5	11.0	21.5	14.5	18.0	22.0	19.0	21.0
5	9.0	8.0	8.0	12.5	10.0	11.0	19.5	15.5	18.0	21.5	19.0	20.5
6	10.0	8.0	9.0	10.5	10.0	10.5	19.5	14.5	17.0	21.0	19.0	20.0
7	10.5	8.0	9.0	11.0	10.0	10.5	21.0	16.0	19.0	22.5	19.0	20.5
8	11.0	9.0	10.0	12.0	10.0	11.0	20.5	16.5	19.0	25.5	19.5	22.5
9	11.5	10.0	11.0	11.0	10.5	11.0	19.0	16.5	18.0	25.0	20.5	23.0
10	11.5	10.0	11.0	11.0	10.0	10.5	18.5	16.5	18.0	24.0	22.5	23.0
11	11.5	9.5	10.5	12.0	10.5	11.5	18.0	16.5	17.0	22.5	20.5	21.5
12	10.5	9.0	10.0	16.0	11.5	13.5	18.5	16.5	17.0	25.5	20.0	23.0
13	10.0	9.0	9.5	14.5	11.0	13.0	19.0	16.0	17.5	23.5	21.0	22.5
14	9.5	8.5	9.0	15.0	12.0	13.5	20.5	16.0	18.5	24.0	21.0	23.0
15	10.0	8.0	9.5	15.0	12.5	14.0	17.0	15.0	16.0	24.5	20.5	22.5
16	10.0	8.5	9.5	17.0	12.5	14.5	18.5	16.0	17.5	23.5	20.5	22.0
17	10.0	7.5	9.0	18.5	13.5	15.5	17.5	16.5	17.0	23.5	21.0	22.0
18	11.5	8.0	9.5	15.0	13.0	14.0	20.5	17.0	18.5	23.0	21.0	22.0
19	11.0	9.5	10.0	14.5	12.0	13.0	20.0	17.0	18.0	23.5	21.0	23.0
20	13.0	10.0	11.0	15.0	14.0	15.0	17.5	16.0	17.0	23.5	21.0	22.5
21	11.5	9.5	10.5	15.5	14.0	14.5	18.5	16.5	17.0	24.0	21.0	22.5
22	13.5	11.0	12.5	16.0	13.5	15.0	18.0	16.5	17.5	26.5	21.0	23.5
23	13.5	11.5	13.0	14.5	11.5	13.0	18.0	16.5	17.5	26.0	22.0	23.5
24	13.0	9.5	11.5	19.0	13.0	15.0	18.0	17.0	17.5	26.0	21.0	23.5
25	12.0	11.0	12.0	17.5	12.5	14.5	19.5	17.5	17.5	29.0	22.0	25.0
26	11.5	10.5	11.0	19.0	13.0	15.0	22.0	17.0	19.0	26.5	22.5	24.5
27	10.5	10.0	10.0	17.5	13.0	15.5	22.0	17.5	19.5	25.0	21.5	24.0
28	13.0	10.5	12.0	18.0	14.5	16.5	21.0	17.5	18.5	26.0	22.5	23.5
29	---	---	---	18.0	14.0	16.5	24.0	17.5	21.0	25.5	22.0	23.5
30	---	---	---	18.0	13.5	16.0	25.0	18.0	20.5	27.5	22.5	24.0
31	---	---	---	18.5	15.0	16.5	---	---	---	29.0	23.0	25.5
MONTH	13.5	4.0	10.0	19.0	9.5	13.5	25.0	14.0	18.0	29.0	17.5	22.5

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	23.0	25.0	28.0	26.5	27.0	30.5	29.5	30.0	27.5	25.5	26.5
2	28.5	23.5	26.0	27.5	26.0	27.0	31.0	29.5	30.0	27.0	22.5	25.5
3	26.5	24.0	26.0	29.5	26.5	28.0	31.5	29.0	30.0	27.0	23.5	26.0
4	26.5	24.5	25.5	30.0	27.5	28.5	31.0	29.5	30.0	26.5	23.5	25.5
5	27.0	23.5	25.0	30.5	27.5	28.5	30.5	29.5	30.0	26.5	22.0	25.0
6	28.0	23.5	25.5	30.0	27.5	28.5	30.0	29.5	30.0	28.0	22.0	26.0
7	26.0	24.0	25.0	30.0	27.5	28.5	30.0	29.0	29.5	28.0	22.5	25.5
8	27.0	23.5	24.5	30.5	27.5	29.0	30.0	29.5	29.5	27.0	23.5	26.0
9	31.5	24.5	26.5	29.0	27.0	28.5	30.0	29.0	29.5	26.5	23.5	25.5
10	29.5	25.0	27.0	30.5	27.5	28.5	30.0	29.5	29.5	26.5	23.5	26.0
11	27.0	24.5	25.5	29.0	27.5	28.5	30.0	29.0	29.5	26.0	24.0	25.0
12	27.5	24.0	25.0	29.0	27.5	28.0	30.0	29.0	29.5	26.0	25.0	25.5
13	29.0	25.0	27.0	30.0	27.5	28.5	30.0	29.0	29.5	28.5	24.5	27.0
14	30.5	25.5	27.5	31.5	28.0	29.5	30.0	28.0	29.5	28.0	25.0	26.5
15	29.5	25.5	27.0	---	---	---	31.0	25.5	29.0	28.0	25.0	26.0
16	28.5	26.0	27.0	---	---	---	32.0	27.0	29.5	27.0	25.5	26.0
17	28.5	25.5	27.0	---	---	---	30.5	28.0	29.0	27.5	25.0	26.5
18	30.0	26.0	28.0	31.5	28.5	30.0	30.0	28.0	29.5	26.5	24.0	26.0
19	29.5	26.0	27.5	32.0	29.0	30.0	30.0	26.0	28.5	26.0	25.5	26.0
20	29.5	26.0	27.5	32.5	29.0	30.5	29.5	24.5	28.0	27.0	24.5	25.5
21	30.0	26.5	28.5	34.0	28.5	30.0	29.0	23.5	28.0	29.5	25.0	26.5
22	28.0	26.5	27.5	30.5	29.0	30.0	29.0	24.0	27.5	28.5	25.5	26.5
23	28.0	26.0	27.0	31.5	29.5	30.0	30.0	26.0	28.5	26.5	25.5	26.0
24	28.0	26.0	27.0	32.0	29.5	30.0	30.5	25.0	28.0	27.0	25.5	26.0
25	30.5	26.5	28.0	31.5	29.5	30.0	30.0	25.5	28.5	28.0	25.5	26.0
26	30.5	26.0	28.0	30.5	29.0	30.0	29.5	26.0	28.0	---	---	---
27	29.5	27.0	28.0	30.0	29.0	29.5	29.0	27.0	28.0	---	---	---
28	28.5	26.5	27.5	31.0	29.0	30.0	28.5	27.5	28.0	---	---	---
29	28.0	26.0	27.0	32.0	29.5	30.0	28.0	26.0	27.5	---	---	---
30	28.5	26.0	27.5	32.5	29.5	30.5	28.0	26.0	27.0	28.0	26.5	27.0
31	---	---	---	32.0	29.5	30.5	27.0	24.0	26.5	---	---	---
MONTH	31.5	23.0	26.5	34.0	26.0	29.0	32.0	23.5	29.0	29.5	22.0	26.0
YEAR	34.0	3.5	20.0									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.3	5.7	5.9	7.9	7.2	7.4	---	---	---	---	---	---
2	6.3	5.6	5.8	8.0	7.2	7.5	8.6	8.3	8.4	---	---	---
3	6.8	5.6	6.2	7.9	7.2	7.5	8.7	8.5	8.6	---	---	---
4	6.6	5.4	5.9	8.2	7.5	7.7	9.9	8.5	8.9	---	---	---
5	6.4	5.5	5.9	7.8	7.5	7.6	9.3	8.4	8.5	---	---	---
6	7.5	5.9	6.4	9.1	7.5	7.8	10.7	8.4	8.9	---	---	---
7	7.0	6.0	6.5	8.3	7.5	7.8	9.7	8.5	8.7	---	---	---
8	6.7	6.1	6.4	9.1	7.8	8.0	10.9	8.5	9.1	---	---	---
9	6.4	6.0	6.2	9.2	7.6	8.1	8.7	8.5	8.6	10.2	9.9	10.0
10	6.8	5.9	6.2	9.2	7.7	8.1	9.7	8.5	8.6	12.3	9.8	10.3
11	6.7	6.0	6.3	9.0	8.0	8.5	9.8	8.6	8.8	10.1	9.9	10.0
12	6.8	6.0	6.4	8.7	7.6	8.1	8.6	8.4	8.5	12.6	9.9	10.4
13	8.0	6.3	6.8	8.8	7.9	8.3	9.9	8.4	8.7	12.6	10.0	10.7
14	6.7	5.9	6.3	8.6	8.1	8.3	10.0	8.6	9.0	11.1	10.1	10.4
15	6.6	5.9	6.1	9.1	8.0	8.3	9.9	8.9	9.0	11.6	10.0	10.5
16	7.1	6.0	6.4	9.0	8.0	8.3	9.2	8.8	8.9	11.0	10.0	10.3
17	7.1	6.1	6.7	8.8	8.5	8.7	10.9	8.9	9.3	11.3	10.1	10.3
18	7.6	6.5	6.8	9.0	7.6	8.4	9.9	8.9	9.1	11.3	10.1	10.4
19	8.5	6.5	7.2	9.6	7.1	8.0	9.3	9.0	9.2	11.9	10.2	10.7
20	6.6	6.0	6.3	9.8	7.3	8.5	9.4	9.2	9.2	10.8	10.2	10.5
21	6.8	6.1	6.5	9.2	7.6	8.4	9.3	9.2	9.2	10.5	10.2	10.4
22	6.6	6.2	6.4	8.9	8.1	8.4	9.2	9.2	9.2	10.5	10.0	10.3
23	6.5	6.2	6.3	8.7	8.3	8.5	9.7	8.9	9.1	10.8	10.3	10.5
24	6.8	6.1	6.4	9.2	8.3	8.6	10.0	8.9	9.2	10.8	10.4	10.5
25	6.8	6.0	6.4	9.3	8.4	8.7	11.0	9.1	9.6	11.1	10.5	10.6
26	7.0	6.4	6.7	9.1	8.4	8.6	9.4	9.2	9.4	11.5	10.4	10.7
27	7.2	6.3	6.6	9.1	8.3	8.5	10.4	9.4	9.6	11.2	10.2	10.6
28	6.8	6.4	6.6	9.2	8.2	8.5	9.5	9.4	9.4	11.3	10.4	10.6
29	7.4	6.7	6.9	8.9	8.3	8.6	---	---	---	10.9	10.5	10.6
30	7.3	7.0	7.2	8.9	8.4	8.7	---	---	---	10.6	10.5	10.6
31	8.0	7.1	7.4	---	---	---	---	---	---	10.6	10.5	10.5
MONTH	8.5	5.4	6.5	9.8	7.1	8.2	11.0	8.3	9.0	12.6	9.8	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.2	10.5	11.1	10.5	10.2	10.3	12.6	10.4	11.4	9.8	8.0	8.6
2	13.0	10.4	11.3	10.5	10.1	10.3	12.1	9.1	10.8	11.0	7.8	9.8
3	11.3	10.4	10.7	11.0	10.1	10.4	12.2	9.0	10.7	10.0	8.0	9.2
4	12.1	10.5	10.9	11.3	10.2	10.4	11.5	9.0	10.5	9.2	7.2	8.6
5	11.3	10.5	10.8	11.0	10.0	10.5	11.3	8.5	9.8	8.7	7.3	8.0
6	10.8	10.6	10.7	11.4	10.0	10.5	10.4	8.2	9.0	8.9	7.4	8.2
7	10.7	10.4	10.6	11.5	10.0	10.5	11.0	8.0	9.7	9.4	7.4	8.4
8	10.9	10.2	10.6	11.2	10.3	10.6	10.3	8.1	9.4	9.7	7.0	8.7
9	11.1	9.8	10.5	12.1	10.3	10.5	9.5	7.9	9.0	9.8	7.1	8.7
10	10.6	10.1	10.5	11.7	10.1	10.5	9.4	8.9	9.1	9.6	7.8	8.5
11	11.0	10.3	10.5	10.7	10.2	10.5	9.1	8.5	8.9	9.4	7.0	7.9
12	11.6	10.3	10.5	10.8	10.4	10.6	9.5	8.7	9.1	9.8	6.7	8.6
13	10.7	10.5	10.6	10.8	10.1	10.4	10.2	8.7	9.5	9.1	7.1	8.3
14	10.8	10.4	10.5	10.5	9.7	10.3	10.4	8.7	9.9	9.3	6.7	8.2
15	10.9	10.4	10.6	10.7	9.1	10.0	9.1	8.6	8.8	9.4	6.4	8.0
16	11.1	10.4	10.6	11.2	9.4	10.4	10.0	8.7	9.4	10.0	6.4	7.8
17	11.5	10.4	10.6	11.2	9.6	10.6	9.5	8.8	9.2	10.1	6.4	7.6
18	12.0	10.6	11.0	10.7	9.6	10.1	9.7	9.1	9.4	8.7	6.0	6.8
19	11.4	10.3	10.6	10.3	9.6	9.9	10.1	8.8	9.4	9.7	6.3	7.8
20	10.8	10.6	10.7	10.4	9.1	9.9	9.2	8.6	8.8	9.3	6.4	7.7
21	10.7	10.4	10.5	10.3	8.9	9.9	9.1	8.6	8.9	9.3	6.6	8.0
22	10.7	10.2	10.6	10.9	9.7	10.2	9.6	8.4	9.2	9.7	6.7	8.3
23	10.8	9.9	10.5	10.2	9.9	10.1	9.5	8.9	9.2	9.9	6.9	8.2
24	10.4	9.2	10.1	10.8	9.7	10.2	9.5	8.9	9.2	10.6	6.8	8.6
25	10.6	10.0	10.4	11.1	9.7	10.2	11.2	9.0	9.4	11.2	6.8	9.1
26	10.4	10.1	10.3	11.1	9.9	10.3	11.6	6.9	10.3	9.6	6.6	8.2
27	10.7	10.2	10.3	11.4	9.6	10.4	12.0	8.9	10.1	8.2	5.9	7.2
28	10.5	10.2	10.3	10.8	9.5	10.4	9.2	8.5	8.8	8.2	6.2	6.9
29	---	---	---	11.6	8.7	10.4	13.1	8.2	10.4	8.5	5.9	7.0
30	---	---	---	11.3	9.1	10.0	12.0	8.3	9.8	9.4	5.8	7.1
31	---	---	---	12.2	9.1	10.5	---	---	---	9.7	6.2	7.4
MONTH	13.2	9.2	10.6	12.2	8.7	10.3	13.1	7.9	9.6	11.2	5.8	8.1

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.4	5.7	7.2	6.2	4.1	4.9	6.1	3.9	5.0	5.5	5.0	5.3
2	10.0	5.6	7.8	5.9	3.6	4.6	5.7	4.0	4.6	6.6	5.2	5.6
3	9.0	5.9	7.9	8.5	3.9	6.6	7.6	3.7	5.5	6.2	5.2	5.5
4	8.6	6.6	7.6	9.3	5.5	6.9	6.7	4.3	5.5	6.6	4.9	5.5
5	9.5	5.8	7.0	8.5	5.2	6.9	6.8	3.7	5.6	7.3	4.9	5.8
6	10.1	5.6	7.7	9.3	4.9	6.7	6.1	4.0	4.8	7.2	5.5	6.2
7	8.3	6.1	6.9	8.5	4.6	6.4	5.5	4.1	5.0	7.2	5.5	6.5
8	7.6	5.7	6.3	7.6	4.5	5.5	6.1	4.3	5.1	8.4	5.4	6.9
9	9.8	5.9	7.4	6.2	3.4	4.6	6.2	4.5	5.3	7.4	6.3	6.7
10	10.5	6.4	8.0	7.5	3.8	5.0	6.2	4.8	5.2	7.1	5.8	6.5
11	9.1	6.1	7.5	6.1	3.8	4.8	6.3	4.7	5.5	6.5	5.3	6.0
12	9.9	5.8	6.8	5.2	3.5	4.3	6.5	5.3	5.9	6.3	5.5	5.8
13	11.2	5.7	8.4	6.7	3.8	4.9	6.3	5.4	5.8	8.4	5.8	7.1
14	10.9	6.7	8.5	8.3	4.1	5.8	5.9	4.9	5.4	9.0	6.5	7.4
15	11.5	6.5	8.4	---	---	---	6.3	4.6	5.2	8.8	6.2	7.0
16	10.8	6.6	8.1	---	---	---	6.5	4.3	4.9	9.1	5.9	7.0
17	10.2	6.4	7.9	---	---	---	6.5	4.4	4.8	8.2	6.3	7.6
18	10.1	6.8	8.4	8.5	3.6	5.8	5.7	4.1	4.8	8.0	6.7	7.3
19	10.2	6.8	8.1	8.0	4.0	5.4	6.9	4.1	5.1	7.4	5.6	6.4
20	10.8	5.8	8.0	7.1	4.1	5.2	6.0	4.7	5.5	6.1	5.6	6.2
21	10.2	6.6	8.4	7.9	3.2	4.8	6.4	4.2	5.1	8.4	5.9	6.9
22	10.2	6.2	8.2	6.4	4.1	5.3	6.0	4.2	4.8	8.0	5.4	6.7
23	9.7	5.9	7.4	7.2	3.6	5.4	6.7	4.7	5.7	7.7	5.3	6.1
24	8.1	5.2	6.9	7.5	4.3	5.5	7.7	5.2	6.4	9.0	5.6	6.5
25	9.1	4.6	6.9	7.0	3.9	5.0	7.1	4.7	5.9	9.0	5.7	6.5
26	8.7	4.5	6.5	7.8	4.5	5.6	6.3	4.9	5.6	---	---	---
27	9.5	5.4	6.9	7.1	4.0	5.4	5.4	3.5	4.8	---	---	---
28	8.2	4.5	6.0	7.3	4.3	5.6	5.6	4.5	5.1	---	---	---
29	6.6	4.2	5.1	7.8	4.1	5.6	5.7	5.0	5.4	---	---	---
30	8.1	4.0	5.4	7.7	4.1	5.5	5.6	5.3	5.4	8.6	5.9	7.0
31	---	---	---	6.6	3.9	5.4	6.0	5.3	5.4	---	---	---
MONTH	11.5	4.0	7.4	9.3	3.2	5.5	7.7	3.5	5.3	9.1	4.9	6.5
YEAR	13.2	3.2	8.1									

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 34°15'40", long 81°19'55", Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi² (from Federal Power Commission).

PERIOD OF RECORD.--1947 to current year. Records for water years prior to 1985 are in the files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 200.00 ft above National Geodetic Vertical Datum of 1929, (South Carolina Electric and Gas reference mark) prior to May 7, 1968, datum was 47.17 ft higher.

REMARKS.--Reservoir is formed by a concrete gravity dam. Project was completed in 1914: Spillway crest elevation: 257.1 ft, (NGVD) 1,850 acres. Maximum power pool is 266 ft, (NGVD) 4,400 acres. Reservoir water is used for cooling of nearby fossil-electric plant.

EXTREMES FOR CURRENT YEAR.--Maximum elevation 266.91 ft, Aug. 1; minimum, 255.98 ft, Jul. 22.

Capacity Table (elevation, in feet NGVD),
and usable contents (in billions of gal)

255.0	0.57
260.0	3.30
265.0	9.00
270.0	16.8
271.0	18.4

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	265.33	263.68	261.68	260.10	261.41	262.25	262.79	262.07	262.41	263.31	266.66	261.66
2	264.66	263.42	259.93	262.52	260.51	261.57	263.08	262.32	261.85	263.23	262.16	263.35
3	265.66	263.43	261.71	262.11	261.62	259.97	264.19	261.12	258.75	264.35	263.13	264.04
4	263.96	261.84	261.12	263.10	262.68	261.25	263.95	259.69	262.12	264.01	262.22	263.81
5	265.15	263.95	263.05	262.34	263.46	260.84	262.12	262.52	264.14	265.64	265.62	262.96
6	261.73	263.42	263.35	261.23	263.82	260.04	260.61	261.71	265.98	263.45	263.36	263.00
7	259.72	262.96	263.74	260.21	264.38	258.98	262.15	263.50	265.81	265.37	265.99	261.71
8	260.85	262.95	260.00	260.74	263.20	259.11	261.76	263.55	261.94	265.57	264.32	264.75
9	263.40	262.10	260.71	258.31	260.01	258.52	257.67	261.90	262.60	264.47	264.21	260.75
10	264.47	261.19	261.43	262.47	258.86	261.77	260.08	262.80	261.51	262.81	261.82	261.52
11	262.42	262.36	260.17	265.43	262.25	261.58	261.33	260.96	261.94	264.57	265.20	264.29
12	264.16	265.55	260.27	261.60	261.14	262.95	260.49	261.46	263.64	265.28	263.35	265.26
13	264.36	264.21	259.22	260.23	262.12	263.68	259.41	261.38	262.35	261.96	265.72	263.05
14	263.19	263.01	260.64	260.71	262.22	260.78	261.61	262.25	264.01	261.81	263.38	263.02
15	264.07	262.83	259.91	260.48	264.57	260.88	262.07	264.96	262.01	262.20	265.46	263.08
16	262.82	261.92	260.77	260.00	263.66	261.81	261.23	264.36	261.66	262.47	263.14	264.29
17	263.24	262.77	260.22	262.64	262.58	263.32	258.59	262.50	265.71	265.43	261.79	261.15
18	263.77	265.58	258.95	262.52	261.54	263.10	261.08	260.81	261.85	266.23	263.19	261.92
19	262.88	265.86	261.10	264.76	260.83	261.25	262.31	259.72	261.91	264.52	263.42	263.54
20	261.77	263.89	261.55	264.26	262.30	261.01	259.61	263.45	265.01	264.25	260.36	265.70
21	262.48	265.08	261.34	264.95	261.95	261.66	261.98	262.61	261.41	262.92	261.31	260.81
22	261.18	264.14	262.27	264.26	260.13	262.42	262.28	261.41	259.85	262.93	264.52	261.91
23	264.28	264.16	262.10	262.84	259.60	258.12	261.58	262.60	262.81	265.71	265.31	262.02
24	262.76	261.50	260.54	264.43	259.89	261.76	262.21	263.61	263.25	262.69	263.21	265.65
25	262.86	261.35	257.60	262.49	260.61	260.92	263.88	263.29	264.05	262.24	260.31	264.28
26	261.50	261.19	262.00	259.08	261.63	261.23	264.01	261.88	262.76	261.90	263.31	265.22
27	263.16	263.19	260.69	262.32	259.68	261.58	261.48	261.24	264.25	262.27	264.90	265.12
28	261.70	261.50	260.74	260.86	261.05	260.52	263.98	262.44	263.14	265.28	262.15	261.41
29	261.61	263.43	259.49	260.65	---	261.23	263.18	264.25	262.38	263.47	262.71	262.88
30	263.14	263.23	259.54	261.15	---	259.98	261.97	265.55	263.39	263.98	263.40	263.94
31	265.27	---	261.09	262.77	---	259.58	---	263.85	---	264.86	264.66	---
MAX	265.66	263.86	263.74	265.43	264.57	253.68	264.19	265.55	265.98	266.23	266.66	265.70
MIN	259.72	261.19	257.60	258.31	258.86	258.12	257.67	259.69	258.75	261.81	260.31	260.75
[+]	9.38	6.78	4.39	6.22	4.35	2.92	5.27	7.52	6.97	8.82	8.56	7.63
[*]	143	-134	-119	91.3	-103	-71.4	121	112	-28.4	92.3	-13.0	-48.0

CAL YR 1985 * -10.5 MAX 266.23 MIN 257.60
WTR YR 1986 * 4.74 MAX 266.66 MIN 257.60

[+] CONTENTS, IN BILLIONS OF GALLONS AT END OF MONTH.
[*] CHANGE IN CONTENTS, EUIVALENT IN CUBIC FEET PER SECOND.

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38'', long 81°19'50'', Fairfield County, Hydrologic Unit 03050106, on left bank, 100 ft below dam 0.3 mi upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi², approximately.

PERIOD OF RECORD.--Water year 1974 to current year.

PERIOD OF DAILY RECORDS.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 121 microsiemens, Oct. 25, 1979; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.
pH: Maximum, 8.3 units, Jul. 24, 1977; minimum, 5.9 units, Oct. 10, 1976.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, Jul. 25, 1976, Jul. 11, 16, 1977, and several days in Jul. 1986; minimum, 0.5°C, Jan. 19-21, 1977.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 21, 22, 1976; minimum, 2.9 mg/L, Jul. 2, 14-15, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 120 microsiemens Aug. 4; minimum, 30 microsiemens, Aug. 21.
pH: Maximum, 7.8 units, Jul. 2; minimum 6.2 units, Nov. 23-25.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 17, 19, 21, 28 and 29; minimum, 3.0°C, Jan. 29 and 30.
DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Dec 20; minimum, 3.2 mg/L, Jul. 16 and 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	101	98	100	103	97	99	44	38	40	70	68	69
2	102	95	97	97	74	85	58	38	44	71	69	70
3	99	94	96	71	58	62	61	41	46	71	69	70
4	98	92	94	70	59	63	62	44	49	72	70	71
5	92	86	89	72	62	67	66	51	58	72	71	72
6	90	84	88	64	56	58	62	57	59	75	71	72
7	88	86	87	---	---	---	64	60	62	72	70	71
8	90	88	89	58	48	53	66	61	64	74	69	71
9	91	89	90	61	53	57	67	65	66	73	70	71
10	91	87	89	59	56	58	68	66	68	72	70	71
11	93	88	89	70	58	62	70	68	70	71	69	70
12	92	91	92	73	69	70	70	67	68	71	69	70
13	93	91	92	74	71	73	69	66	67	76	71	73
14	95	92	93	73	68	71	70	68	69	75	73	74
15	95	92	93	68	66	67	73	70	71	77	71	73
16	93	92	92	70	68	69	72	69	71	80	71	76
17	94	91	93	77	69	71	70	67	69	76	72	74
18	98	92	95	77	74	75	72	70	71	75	72	74
19	99	92	96	77	74	76	71	69	70	76	70	73
20	105	95	98	77	75	76	69	68	69	74	71	72
21	107	98	102	77	74	75	74	70	72	73	71	72
22	111	96	102	79	40	54	79	74	77	74	71	72
23	107	93	98	42	39	41	79	76	78	76	74	75
24	100	95	98	47	39	42	79	76	78	75	71	73
25	100	97	99	57	44	49	78	72	76	72	71	72
26	107	99	103	67	51	54	76	70	73	79	72	74
27	107	105	106	71	58	64	71	69	70	82	73	78
28	104	98	99	71	63	66	72	70	71	82	73	75
29	99	97	98	71	64	68	71	69	69	89	81	85
30	100	98	99	72	45	61	71	66	68	83	77	80
31	99	97	98	---	---	---	68	66	67	82	75	78
MONTH	111	84	95	103	39	65	79	38	66	89	68	73

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	76	74	75	84	81	82	85	80	82	95	89	91
2	32	76	78	82	78	80	86	78	82	94	88	90
3	85	74	80	85	81	83	85	82	83	94	87	89
4	84	73	76	89	78	82	83	81	83	93	89	91
5	82	73	76	82	77	79	84	82	83	94	89	92
6	79	73	76	87	78	82	87	84	86	98	90	93
7	77	73	75	86	77	81	89	84	87	100	89	93
8	77	74	75	88	79	83	89	83	85	100	88	92
9	83	76	78	86	78	83	93	83	88	95	90	91
10	88	75	83	91	77	85	94	86	90	94	91	92
11	87	74	80	82	77	79	92	87	90	95	92	94
12	77	74	76	82	78	80	92	87	89	113	94	101
13	81	75	77	83	78	80	91	88	89	112	94	102
14	77	74	76	84	76	79	91	84	87	108	92	99
15	81	74	77	85	79	82	88	84	86	102	95	98
16	78	74	76	79	70	74	92	85	88	100	95	97
17	85	76	80	72	69	70	93	84	88	99	94	96
18	87	85	86	76	68	72	96	87	91	104	98	102
19	89	76	83	74	67	71	92	85	88	110	102	105
20	84	77	82	71	65	68	91	89	90	104	94	99
21	81	76	78	74	66	70	95	89	92	101	94	97
22	80	77	79	74	66	69	93	87	90	102	93	97
23	79	78	79	71	65	67	92	86	88	98	85	92
24	86	77	82	73	65	68	92	86	88	86	84	85
25	86	75	80	73	70	72	92	90	91	87	84	85
26	84	76	78	73	72	73	94	88	90	87	85	86
27	83	75	78	74	72	73	92	90	91	91	85	87
28	84	82	83	74	72	73	94	88	91	89	83	85
29	---	---	---	76	74	75	92	87	89	90	84	87
30	---	---	---	81	75	76	94	88	90	88	83	85
31	---	---	---	86	79	82	---	---	---	84	81	83
MONTH	89	73	79	91	65	77	96	78	88	113	81	93

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	83	79	82	106	91	96	108	101	104	81	80	81
2	82	79	81	97	90	93	103	100	101	83	80	81
3	82	80	81	94	89	92	106	102	104	89	82	83
4	83	80	82	96	92	94	120	102	105	91	83	85
5	84	82	83	97	93	95	117	104	109	86	61	77
6	85	82	83	95	90	92	104	101	102	66	53	56
7	84	82	83	98	91	92	107	101	104	73	59	66
8	83	82	83	101	90	92	104	100	102	75	65	70
9	89	62	84	98	91	93	106	102	103	78	74	76
10	91	81	84	99	91	94	104	101	103	76	69	72
11	93	86	89	102	91	95	111	102	105	80	75	77
12	89	83	86	97	90	93	105	100	102	80	78	79
13	92	84	66	103	91	95	105	99	102	79	78	78
14	95	85	88	111	95	101	109	98	101	79	78	79
15	87	85	85	107	94	99	114	93	104	86	79	81
16	93	86	88	105	95	97	96	92	94	83	81	82
17	92	84	86	102	93	95	96	93	95	84	82	83
18	86	84	85	96	93	95	94	78	90	89	82	86
19	88	83	85	103	94	95	92	56	68	92	89	91
20	90	85	86	103	94	96	59	36	50	91	87	90
21	86	85	85	100	93	96	56	30	40	88	86	87
22	88	84	85	103	95	97	83	41	51	94	88	90
23	94	87	89	101	94	96	85	61	73	93	89	90
24	100	88	91	98	94	96	73	41	52	92	87	88
25	97	89	92	106	95	99	79	56	65	90	87	88
26	92	88	89	105	98	102	73	60	64	101	88	90
27	92	88	89	101	96	98	78	70	74	105	99	101
28	89	87	88	113	97	103	80	74	77	103	101	102
29	97	87	90	110	101	104	80	76	78	111	101	104
30	104	88	93	113	100	104	82	78	80	108	102	106
31	---	---	---	111	102	105	80	79	80	---	---	---
MONTH	104	79	86	113	89	97	120	30	87	111	53	84
YEAR	120	30	82									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	7.2	7.1	7.0	6.3	6.3	6.9	6.9	7.0	7.0	7.2	7.1
2	7.4	7.2	7.0	6.7	6.6	6.3	6.9	6.9	7.1	7.0	7.2	7.1
3	7.3	7.2	6.7	6.4	6.6	6.4	7.0	6.9	7.1	7.0	7.3	7.2
4	7.4	7.3	6.6	6.4	6.6	6.4	7.0	6.9	7.1	7.0	7.3	7.1
5	7.4	7.2	6.8	6.6	6.7	6.5	7.0	6.9	7.1	7.0	7.3	7.1
6	7.4	7.3	6.7	6.7	6.7	6.6	7.0	6.9	7.1	7.0	7.4	7.1
7	7.5	7.4	---	---	6.7	6.6	6.9	6.8	7.1	7.0	7.4	7.1
8	7.6	7.5	6.6	6.3	6.7	6.6	7.0	6.9	7.0	7.0	7.5	7.2
9	7.7	7.6	6.5	6.5	6.7	6.7	7.0	6.9	7.1	7.0	7.4	7.2
10	7.7	7.5	6.5	6.5	6.7	6.7	6.9	6.9	7.1	7.0	7.5	7.2
11	7.6	7.5	6.7	6.5	6.8	6.7	7.0	6.9	7.0	7.0	7.3	7.1
12	7.6	7.6	6.8	6.6	6.8	6.7	7.0	6.9	7.0	7.0	7.3	7.2
13	7.6	7.5	6.8	6.7	6.8	6.7	7.0	6.9	7.1	7.0	7.3	7.2
14	7.6	7.5	6.7	6.6	6.8	6.7	7.0	6.9	7.1	7.0	7.3	7.1
15	7.5	7.4	6.7	6.6	6.8	6.7	7.0	6.9	7.2	7.0	7.2	7.0
16	7.4	7.3	6.7	6.6	6.8	6.8	7.0	7.0	7.1	7.1	7.0	6.9
17	7.4	7.3	6.7	6.6	6.8	6.7	7.0	7.0	7.2	7.1	7.0	6.9
18	7.5	7.3	6.7	6.6	7.4	6.8	7.0	7.0	7.3	7.2	7.1	7.0
19	7.5	7.3	6.7	6.7	7.4	6.8	7.1	7.0	7.3	7.1	7.1	7.1
20	7.3	7.2	6.7	6.7	7.2	6.6	7.0	6.9	7.2	7.1	7.1	7.0
21	7.3	7.2	6.8	6.6	6.9	6.8	6.9	6.9	7.2	7.1	7.2	7.0
22	7.3	7.2	6.8	6.3	6.9	6.9	7.0	6.9	7.2	7.1	7.2	7.0
23	7.2	7.1	6.3	6.2	7.0	6.9	6.9	6.9	7.2	7.1	7.1	7.0
24	7.2	7.2	6.4	6.2	7.0	6.9	7.0	6.9	7.2	7.0	7.1	7.0
25	7.2	7.1	6.5	6.2	7.0	6.9	7.0	7.0	7.2	7.1	7.2	7.0
26	7.2	7.1	6.5	6.3	6.9	6.9	7.0	6.9	7.2	7.1	7.1	7.0
27	7.2	7.1	6.6	6.5	6.9	6.8	7.0	6.9	7.3	7.1	7.1	7.0
28	7.1	7.0	6.6	6.6	6.9	6.9	7.1	7.0	7.3	7.2	7.2	7.1
29	7.2	7.0	6.7	6.6	6.9	6.9	7.2	7.1	---	---	7.2	7.1
30	7.2	7.2	6.7	6.4	6.9	6.9	7.1	7.1	---	---	7.2	7.1
31	7.2	7.0	---	---	6.9	6.9	7.1	7.0	---	---	7.2	7.1
MONTH	7.7	7.0	7.1	6.2	7.4	6.3	7.2	6.8	7.3	7.0	7.5	6.9

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	7.1	7.0	7.0	6.8	7.7	7.2	7.2	7.1	7.3	7.3
2	7.3	7.1	7.2	6.9	6.9	6.7	7.8	7.2	7.1	7.1	7.3	7.2
3	7.3	7.2	7.3	7.1	6.9	6.7	7.6	7.2	7.2	7.1	7.3	7.2
4	7.3	7.2	7.1	7.0	6.9	6.8	7.4	7.2	7.2	7.1	7.3	7.2
5	7.3	7.2	7.0	7.0	7.0	6.8	7.4	7.2	7.2	7.1	7.3	7.1
6	7.3	7.2	7.1	6.9	7.2	6.9	7.2	7.2	7.2	7.1	7.1	7.0
7	7.2	7.1	7.0	6.8	7.3	7.0	7.4	7.1	7.2	7.1	7.1	7.1
8	7.2	7.2	6.9	6.8	7.3	7.0	7.2	7.0	7.4	7.1	7.2	7.1
9	7.2	7.1	6.9	6.8	7.1	6.9	7.2	7.0	7.3	7.1	7.2	7.2
10	7.1	7.0	6.9	6.[illegible]	7.1	6.9	7.2	7.0	7.2	7.2	7.3	7.1
11	7.2	7.1	7.1	6.9	7.1	6.9	7.3	7.0	7.3	7.1	7.3	7.1
12	7.1	7.0	7.0	6.9	7.0	6.8	7.3	7.0	7.3	7.2	7.3	7.2
13	7.1	7.0	6.9	6.9	7.0	6.8	7.3	7.0	7.3	7.2	7.3	7.2
14	7.2	7.0	7.2	6.8	7.2	6.9	7.1	7.0	7.3	7.2	7.3	7.2
15	7.2	7.1	7.1	7.1	7.2	7.0	7.1	7.0	7.3	7.2	7.5	7.2
16	7.2	7.1	7.2	7.0	7.4	7.0	7.2	7.0	7.3	7.2	7.3	7.2
17	7.2	7.1	7.1	7.0	7.2	7.0	7.3	7.0	7.3	7.2	7.3	7.2
18	7.2	7.1	7.1	7.0	7.3	7.0	7.2	7.1	7.4	7.1	7.4	7.3
19	7.2	7.1	7.0	7.0	7.2	7.0	7.3	7.2	7.3	6.8	7.5	7.3
20	7.1	7.1	7.0	7.0	7.1	6.9	7.2	7.1	6.8	6.6	7.6	7.3
21	7.2	7.1	7.0	6.9	7.3	7.0	7.1	7.0	6.9	6.5	7.5	7.3
22	7.1	7.0	7.0	6.9	7.4	7.0	7.1	7.0	7.1	6.6	7.4	7.2
23	7.1	7.0	7.0	6.8	7.5	7.1	7.1	7.0	7.2	6.9	7.3	7.2
24	7.1	7.0	7.0	6.8	7.3	7.0	7.1	7.0	7.2	6.8	7.3	7.2
25	7.1	7.0	7.1	6.8	7.3	7.1	7.1	7.0	7.2	6.9	7.4	7.2
26	7.1	7.0	7.0	6.8	7.4	7.1	7.2	7.0	7.1	7.0	7.4	7.2
27	7.3	7.1	6.9	6.7	7.4	7.0	7.3	7.0	7.2	7.0	7.3	7.2
28	7.2	7.0	6.9	6.8	7.5	7.2	7.4	7.1	7.2	7.0	7.4	7.2
29	7.1	6.9	6.9	6.8	7.6	7.2	7.3	7.1	7.3	7.1	7.4	7.2
30	7.1	7.0	7.0	6.9	7.7	7.1	7.3	7.1	7.3	7.2	7.4	7.2
31	---	---	7.1	6.8	---	---	7.3	7.1	7.3	7.2	---	---
MONTH	7.3	6.9	7.3	6.7	7.7	6.7	7.8	7.0	7.4	6.5	7.6	7.0
YEAR	7.8	6.2										

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.0	23.5	24.0	20.0	18.5	19.0	17.0	15.0	16.0	9.5	5.0	8.0
2	25.0	24.0	24.5	19.0	17.5	16.0	16.0	14.5	15.0	8.5	4.5	5.5
3	25.0	24.5	24.5	17.5	17.0	17.0	15.5	12.5	13.5	9.0	6.5	8.0
4	25.0	23.0	24.0	17.0	16.0	17.0	15.0	11.0	12.0	8.5	6.5	7.0
5	24.0	22.5	23.5	17.0	15.5	16.0	15.5	9.5	12.5	8.0	7.5	7.5
6	23.5	22.0	23.0	16.0	14.5	15.0	12.0	10.0	11.0	8.5	6.5	7.5
7	23.0	21.5	22.0	---	---	---	11.5	9.0	10.5	9.0	7.5	8.5
8	22.0	21.0	21.5	16.0	14.0	15.0	10.5	7.5	9.0	10.0	6.0	8.0
9	21.5	20.5	21.0	16.0	14.0	15.0	12.0	7.5	9.5	9.5	5.0	7.5
10	23.0	21.5	22.0	15.5	14.0	15.0	11.5	9.0	10.0	8.5	4.5	6.5
11	23.5	22.5	23.0	16.5	14.5	15.0	11.0	9.5	10.0	9.0	8.0	8.5
12	23.0	22.0	22.5	18.0	15.5	16.5	12.0	10.0	11.0	10.0	7.5	9.0
13	23.5	22.5	23.0	18.5	16.0	18.0	12.0	11.5	11.5	8.0	5.5	6.5
14	24.0	22.5	23.5	17.0	16.0	16.5	12.0	11.0	11.5	7.5	6.0	7.0
15	24.5	23.0	23.5	17.0	16.0	16.5	11.0	10.5	11.0	8.5	7.0	7.5
16	23.5	23.5	23.5	17.5	17.0	17.5	12.0	9.5	10.5	9.0	5.5	7.0
17	23.5	23.0	23.5	18.5	17.5	17.5	10.5	9.0	10.0	8.5	7.0	7.5
18	24.0	23.0	23.5	19.0	18.0	18.5	9.5	7.0	8.0	8.5	7.0	7.5
19	24.5	23.0	23.5	19.0	18.5	18.5	11.0	5.0	7.5	10.0	8.5	9.0
20	24.0	23.0	23.5	19.0	18.0	18.5	---	---	---	9.0	8.5	8.5
21	23.5	22.0	23.0	19.0	18.5	19.0	9.0	6.5	7.0	9.5	8.5	9.0
22	22.0	20.5	21.5	18.0	16.0	17.0	6.5	5.5	6.0	10.5	9.0	9.5
23	22.0	20.5	21.5	16.0	15.0	15.5	7.0	5.5	6.5	9.5	8.5	9.0
24	22.0	21.0	21.5	15.0	14.5	14.5	6.5	5.0	5.5	10.0	8.5	9.0
25	22.0	21.0	21.5	16.0	14.0	15.0	6.5	5.0	5.5	10.0	8.0	9.5
26	21.5	19.5	20.5	16.5	14.5	15.0	10.0	4.5	6.5	8.5	7.0	8.0
27	19.5	19.0	19.5	18.0	16.0	17.0	10.0	5.5	8.5	7.0	5.5	6.0
28	21.0	19.5	20.5	18.0	17.0	17.5	5.5	4.5	4.5	7.0	4.0	5.5
29	20.5	18.0	19.0	18.0	17.0	17.5	6.0	5.5	5.5	4.5	3.0	4.0
30	18.0	17.5	17.5	18.0	17.0	18.0	8.5	4.5	6.0	6.5	3.0	5.0
31	19.0	18.0	18.5	---	---	---	7.5	4.5	5.5	7.0	4.0	6.0
MONTH	25.0	17.5	22.0	20.0	14.0	17.0	17.0	4.5	9.0	10.5	3.0	7.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	6.5	7.5	10.0	9.5	10.0	---	---	---	22.5	20.0	21.0
2	7.5	5.5	6.5	11.5	9.5	10.5	18.5	16.5	17.5	22.0	18.5	20.5
3	9.0	6.5	8.0	11.0	9.5	10.5	19.5	16.0	17.5	21.5	19.5	20.5
4	10.0	8.5	9.5	11.0	9.5	10.5	19.0	17.0	18.0	22.0	20.0	21.0
5	10.0	9.5	10.0	12.0	10.5	11.0	20.0	17.0	18.5	22.0	20.0	21.0
6	10.0	9.0	9.5	11.5	11.0	11.0	21.5	19.5	20.5	23.0	20.0	21.5
7	11.0	9.5	10.5	12.0	10.5	11.0	22.5	19.0	21.0	24.0	20.0	21.5
8	10.0	9.5	9.5	11.5	10.0	11.0	20.0	17.5	18.5	24.0	20.5	22.0
9	11.0	9.5	10.0	12.0	10.0	11.0	19.5	17.0	18.0	22.5	21.5	22.0
10	11.0	10.5	11.0	12.5	10.5	11.5	18.5	16.5	18.0	22.5	21.5	22.0
11	10.5	10.0	10.5	14.5	12.0	13.0	18.5	16.5	17.5	23.5	21.0	22.0
12	10.0	9.5	10.0	14.0	13.0	13.5	18.5	16.5	17.5	23.5	22.0	23.0
13	10.0	9.0	9.5	15.5	14.0	14.5	18.5	16.5	17.5	23.0	21.5	22.5
14	9.5	8.5	9.0	15.0	11.5	13.5	19.5	16.5	18.0	23.0	21.0	22.0
15	9.0	8.0	8.5	16.0	14.0	15.0	18.5	17.5	18.0	22.5	22.0	22.0
16	10.5	9.0	9.5	15.0	14.0	14.5	18.0	16.5	17.5	23.5	21.5	22.0
17	10.0	9.0	9.5	14.5	13.5	14.0	17.0	16.0	16.5	22.5	21.5	22.0
18	10.0	8.5	9.0	15.5	13.5	14.5	18.5	16.0	17.0	23.5	22.0	22.5
19	11.0	9.5	10.5	15.0	13.0	14.0	20.0	17.0	18.0	24.0	23.0	23.5
20	12.5	10.5	11.5	15.5	14.0	15.0	19.0	17.5	18.5	24.0	21.5	22.5
21	13.0	11.5	12.0	14.5	13.5	14.0	19.5	18.0	19.0	23.5	18.5	21.5
22	13.5	12.5	13.0	14.0	10.5	12.5	18.5	17.0	17.5	23.0	16.5	20.5
23	14.5	13.0	13.5	13.5	10.0	12.0	17.5	16.0	17.0	25.5	15.0	21.0
24	13.5	11.5	13.0	14.0	12.0	13.0	19.5	16.5	17.5	25.0	22.5	23.5
25	12.5	11.5	12.0	14.5	13.0	13.5	19.5	17.5	18.0	25.5	23.5	24.5
26	11.5	11.0	11.0	15.5	13.5	14.5	20.0	18.0	19.0	25.0	24.0	24.5
27	12.0	11.0	11.5	16.0	12.0	14.5	21.5	19.0	20.0	25.0	24.0	24.5
28	10.5	10.0	10.0	15.0	11.0	13.5	22.0	19.5	20.5	25.5	23.0	24.0
29	---	---	---	17.0	13.5	15.0	21.5	18.5	19.5	25.5	23.5	24.5
30	---	---	---	16.0	13.5	14.5	22.0	20.0	21.0	27.0	23.0	24.5
31	---	---	---	---	---	---	---	---	---	27.0	24.0	25.0
MONTH	14.5	5.5	10.0	17.0	9.5	13.0	22.5	16.0	18.5	27.0	15.0	22.5

BEST COPY AVAILABLE

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.5	24.5	25.5	30.0	28.5	29.0	31.0	30.5	31.0	25.5	24.5	25.0
2	27.5	25.0	26.0	30.0	28.5	29.0	31.0	30.0	30.5	26.0	24.0	25.0
3	26.0	25.0	25.5	29.5	28.5	29.0	31.0	30.5	30.5	26.0	25.0	25.5
4	26.0	25.5	25.5	29.0	28.5	28.5	31.0	30.0	30.5	26.0	24.5	25.5
5	26.5	25.0	25.5	29.5	26.0	28.5	30.5	30.0	30.5	25.5	22.5	24.0
6	27.5	25.0	25.5	29.0	28.5	28.5	30.5	30.0	30.5	24.0	22.5	23.0
7	27.5	25.5	26.0	30.5	28.5	29.0	30.5	30.0	30.0	25.0	24.0	24.5
8	28.0	25.5	26.5	31.0	28.5	29.5	31.0	29.5	30.5	25.5	24.0	24.5
9	29.0	26.0	27.0	31.5	29.0	30.0	31.0	30.0	30.5	25.5	24.5	25.0
10	28.5	25.5	27.5	30.5	29.0	30.0	30.5	30.0	30.0	25.0	23.5	24.5
11	29.5	27.0	28.0	31.0	29.0	30.0	30.5	29.5	30.0	26.0	25.0	25.5
12	29.0	26.0	27.0	30.5	29.0	29.5	30.0	29.0	29.5	26.5	25.5	26.0
13	29.0	26.0	27.0	30.5	28.5	29.5	29.5	29.0	29.0	27.0	25.5	26.0
14	30.5	26.5	27.5	30.5	29.5	30.0	29.5	28.5	29.0	26.0	25.5	26.0
15	27.5	26.5	27.0	31.0	29.5	30.0	29.0	27.0	28.0	26.5	25.0	25.5
16	30.0	27.0	28.0	32.0	29.5	30.5	30.0	28.5	29.0	26.0	25.5	26.0
17	29.5	27.0	27.5	32.5	30.0	30.5	30.5	29.0	29.5	26.0	25.5	25.5
18	28.0	27.0	27.5	32.0	30.0	31.0	30.0	28.0	29.0	25.5	24.5	25.0
19	29.0	27.0	28.0	32.5	30.5	31.0	29.0	25.5	27.0	26.0	24.5	25.0
20	29.5	27.5	28.0	32.0	31.0	31.5	26.0	24.0	25.0	26.5	25.0	25.5
21	29.0	27.5	28.0	32.5	30.0	31.0	26.5	23.5	24.5	27.5	26.0	26.5
22	30.5	28.0	29.0	31.0	30.0	30.5	28.0	25.0	26.0	27.5	26.0	26.5
23	30.0	28.0	29.0	31.5	30.0	30.5	29.0	27.0	27.5	27.0	26.0	27.0
24	29.5	27.5	28.5	30.5	30.0	30.5	28.0	25.5	26.5	27.5	26.0	27.0
25	30.0	28.0	28.5	31.0	30.0	30.5	29.0	26.5	27.5	28.5	26.5	27.0
26	30.0	28.0	28.5	30.5	30.0	30.0	28.5	26.5	27.5	28.5	26.5	27.0
27	29.5	27.5	28.5	31.5	29.5	30.5	29.5	27.5	28.5	28.0	26.5	27.5
28	30.5	28.0	29.0	32.5	30.5	31.0	28.5	27.0	28.0	29.0	27.0	28.0
29	29.5	28.5	29.0	32.5	30.5	31.0	27.0	25.5	26.0	28.0	27.5	28.0
30	30.5	28.5	29.5	32.0	30.5	31.0	26.0	24.5	25.5	28.5	27.5	28.0
31	---	---	---	32.0	30.5	31.0	24.5	23.5	24.0	---	---	---
MONTH	30.5	24.5	27.5	32.5	28.0	30.0	31.0	23.5	28.5	29.0	22.5	26.0
YEAR	32.5	3.0	19.5									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	7.3	6.9	7.1	9.0	8.2	8.6	12.3	10.3	10.9
2	---	---	---	7.6	7.0	7.3	9.1	8.5	8.9	12.3	10.8	12.0
3	---	---	---	8.3	7.3	7.9	9.4	8.4	9.1	12.0	10.6	11.2
4	---	---	---	8.3	7.5	8.0	9.9	8.6	9.4	11.9	11.1	11.5
5	---	---	---	8.1	7.3	7.7	10.3	8.4	9.4	11.4	11.2	11.3
6	---	---	---	8.4	8.0	8.3	10.3	9.5	9.8	11.4	10.8	11.1
7	---	---	---	---	---	---	10.5	9.4	9.9	11.2	10.1	10.6
8	---	---	---	9.3	8.8	9.0	10.9	9.8	10.3	11.6	10.3	10.9
9	7.4	6.7	7.0	9.2	8.6	9.0	11.1	9.6	10.5	12.0	10.2	10.9
10	7.5	6.9	7.2	9.2	8.6	8.9	10.9	9.8	10.3	12.4	10.6	11.4
11	7.7	7.1	7.3	8.9	8.4	8.7	10.8	10.0	10.4	10.9	10.6	10.7
12	7.5	7.3	7.4	8.9	8.5	8.7	10.5	9.5	10.2	11.5	10.3	10.5
13	7.8	7.3	7.5	8.9	8.3	8.5	10.1	9.9	10.0	12.4	11.1	11.8
14	7.8	7.1	7.4	8.9	8.2	8.6	10.1	9.8	9.9	11.7	11.1	11.4
15	7.2	6.7	6.9	8.7	8.1	8.4	9.9	9.4	9.7	11.7	10.9	11.2
16	6.7	6.3	6.6	8.4	8.1	8.3	10.3	9.5	10.0	12.5	10.9	11.7
17	7.0	6.4	6.7	8.3	7.7	8.1	10.5	9.7	10.1	12.0	11.0	11.6
18	7.5	6.7	7.1	8.1	7.5	7.8	11.6	10.3	11.0	12.0	11.3	11.7
19	7.5	6.9	7.1	8.0	7.8	7.9	12.3	9.8	11.3	11.7	10.9	11.4
20	7.1	6.6	6.9	8.1	7.6	7.9	13.1	10.2	11.4	11.3	10.8	10.9
21	6.9	6.4	6.6	8.2	7.5	7.9	11.6	10.5	11.2	10.8	10.5	10.7
22	7.0	6.6	6.8	8.7	8.1	8.5	11.8	11.3	11.5	10.6	10.5	10.5
23	7.0	6.5	6.7	9.1	8.4	8.8	12.1	11.2	11.6	10.9	10.5	10.7
24	6.7	6.6	6.7	9.0	8.6	8.9	12.2	12.0	12.1	11.1	10.8	10.9
25	6.7	6.4	6.6	8.8	8.5	8.6	12.2	11.3	11.9	11.2	10.7	10.8
26	7.2	6.4	6.9	8.8	8.2	8.6	11.7	9.8	10.9	11.3	10.9	11.1
27	7.1	6.9	7.0	8.6	7.9	8.2	11.8	9.7	10.3	11.6	11.0	11.3
28	6.9	6.6	6.7	8.5	7.8	8.1	12.2	11.7	12.0	11.8	11.1	11.4
29	7.2	6.6	6.9	8.5	7.9	8.2	11.9	11.6	11.8	12.8	11.9	12.3
30	7.3	7.2	7.3	8.3	8.0	8.2	12.4	10.8	11.7	13.0	11.6	12.3
31	7.3	7.1	7.2	---	---	---	12.4	11.1	11.9	12.6	11.6	12.0
MONTH	7.8	6.3	7.0	9.3	6.9	8.3	13.1	8.2	10.6	13.0	10.1	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	11.2	11.5	11.7	11.3	11.5	9.3	8.9	9.1	7.9	7.5	7.7
2	12.7	12.1	12.3	11.8	11.2	11.5	10.5	8.3	9.0	8.3	7.4	7.7
3	12.5	11.0	11.9	12.3	11.7	11.9	8.6	8.2	8.4	8.3	7.4	7.8
4	11.6	10.8	11.1	12.4	11.2	11.8	8.6	8.2	8.5	7.7	7.4	7.5
5	11.2	10.8	11.0	11.8	11.3	11.5	8.4	8.1	8.2	7.5	6.9	7.2
6	10.9	10.8	10.8	12.4	11.4	11.7	8.2	7.6	7.9	7.5	6.9	7.2
7	10.9	10.7	10.8	12.1	11.2	11.6	7.8	6.8	7.2	7.3	6.8	7.0
8	10.8	10.6	10.7	12.5	11.4	11.8	8.0	7.4	7.7	7.1	6.6	6.9
9	10.6	10.3	10.5	12.2	11.4	11.9	7.8	7.1	7.5	7.0	6.7	6.8
10	10.7	10.0	10.4	12.6	11.5	12.1	8.0	7.0	7.5	7.2	6.7	6.9
11	10.7	10.3	10.5	11.5	10.4	11.2	7.9	7.4	7.6	7.8	7.2	7.4
12	10.7	10.5	10.6	11.4	11.1	11.2	7.8	7.4	7.6	7.6	6.5	7.0
13	11.0	10.5	10.7	11.3	11.0	11.2	8.0	7.7	7.8	7.0	6.4	6.7
14	11.3	10.8	11.0	11.2	10.7	11.0	8.4	7.8	8.0	6.8	6.2	6.6
15	11.7	10.9	11.2	10.7	9.9	10.3	8.4	8.2	8.3	6.7	6.1	6.5
16	11.3	11.0	11.1	9.9	9.6	9.8	8.2	7.9	8.1	7.1	6.4	6.7
17	12.1	11.2	11.6	10.4	9.6	9.9	8.2	8.0	8.2	7.3	6.7	7.0
18	12.2	12.0	12.1	10.7	10.3	10.5	8.4	7.9	8.1	7.0	6.3	6.6
19	12.1	11.4	11.7	10.7	10.4	10.6	8.3	7.9	8.1	6.7	6.3	6.5
20	11.8	11.4	11.6	10.4	9.5	9.9	8.2	7.8	8.0	6.4	6.2	6.3
21	11.5	11.2	11.4	10.8	9.9	10.3	8.0	7.7	7.9	6.6	6.2	6.3
22	11.3	11.0	11.2	10.8	10.5	10.6	8.1	7.7	7.9	6.8	6.3	6.6
23	11.1	10.7	10.8	10.9	10.5	10.7	8.4	8.1	8.2	7.0	6.4	6.7
24	11.1	10.2	10.7	11.2	10.5	10.8	8.4	8.0	8.2	7.3	6.4	6.8
25	11.4	10.7	11.1	11.1	10.6	10.8	8.3	8.0	8.1	8.1	6.5	7.2
26	11.4	11.1	11.2	10.8	10.4	10.6	8.3	7.8	8.1	7.5	6.7	7.1
27	11.7	11.1	11.3	10.4	10.0	10.2	8.7	8.3	8.5	7.4	6.2	6.5
28	11.8	11.4	11.7	10.3	10.1	10.2	8.8	7.9	8.3	6.4	6.2	6.3
29	---	---	---	10.0	9.4	9.7	8.0	7.8	7.9	6.5	6.2	6.3
30	---	---	---	9.9	9.3	9.7	8.2	7.7	8.0	6.6	6.2	6.3
31	---	---	---	9.3	8.9	9.1	---	---	---	6.9	6.1	6.4
MONTH	12.7	10.0	11.2	12.6	8.9	10.8	10.5	6.8	8.1	8.3	6.1	6.9

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.7	5.8	6.2	6.5	4.2	5.3	4.8	3.9	4.4	6.6	6.3	6.4
2	5.9	5.3	5.6	6.2	4.2	5.1	4.9	3.8	4.4	6.5	5.9	6.1
3	6.2	5.4	5.9	6.7	4.2	5.6	5.0	4.0	4.5	6.7	5.7	6.0
4	6.2	5.6	5.8	6.6	5.3	6.0	5.0	4.2	4.6	6.7	5.7	6.0
5	6.2	5.8	5.9	7.1	5.3	6.1	5.1	3.9	4.4	7.3	5.9	6.6
6	7.0	5.6	6.2	5.6	4.9	5.3	4.8	3.8	4.3	7.2	6.5	7.0
7	7.4	6.2	6.7	6.4	4.4	5.3	5.2	4.0	4.4	7.0	6.2	6.6
8	7.3	6.1	6.8	5.2	3.8	4.4	5.9	3.8	4.5	7.0	6.1	6.6
9	6.8	5.7	6.2	5.0	3.9	4.6	5.6	4.1	4.9	6.5	6.2	6.3
10	7.0	5.8	6.4	5.3	3.6	4.5	5.6	4.6	5.1	7.1	6.4	6.6
11	6.4	5.6	5.9	6.5	4.0	4.9	5.9	4.6	5.3	6.6	5.7	6.2
12	5.9	5.2	5.5	6.5	3.9	5.2	5.9	5.0	5.3	6.5	6.0	6.2
13	5.8	5.2	5.5	5.8	3.8	4.7	6.1	5.0	5.4	6.9	5.9	6.2
14	6.5	5.2	5.7	5.0	3.6	4.2	6.0	5.4	5.6	6.7	6.1	6.3
15	6.2	4.8	5.6	4.7	3.3	4.1	6.4	5.6	5.9	7.3	6.3	6.6
16	7.5	5.6	6.3	4.9	3.2	4.4	6.6	5.6	6.0	6.6	6.0	6.3
17	6.5	5.6	6.0	5.5	4.0	4.6	5.9	5.3	5.6	6.7	6.0	6.3
18	7.0	5.5	6.1	5.1	4.1	4.5	6.2	5.2	5.7	7.1	6.3	6.6
19	6.7	5.6	6.2	5.5	4.0	4.7	6.1	5.4	5.7	7.5	6.4	6.9
20	5.9	5.2	5.5	4.8	3.8	4.3	6.9	5.9	6.2	7.8	6.1	6.7
21	7.3	5.2	6.2	4.6	3.2	3.9	7.0	6.3	6.7	7.1	6.1	6.4
22	8.0	6.2	6.8	4.7	3.3	3.9	6.4	5.2	5.8	6.6	5.4	6.0
23	7.4	5.4	6.5	4.7	3.7	4.0	6.3	4.6	5.2	6.2	5.7	6.0
24	6.5	4.7	5.7	4.6	3.4	4.2	6.9	6.2	6.6	6.4	5.5	5.9
25	6.5	5.2	5.7	5.1	4.0	4.5	6.5	5.8	6.1	6.8	5.7	6.1
26	6.9	4.4	5.7	5.5	3.8	4.5	6.4	5.6	5.9	6.7	5.3	5.9
27	6.3	4.5	5.4	6.1	4.1	5.0	5.9	5.2	5.6	6.2	5.4	5.8
28	6.8	4.9	5.9	5.9	4.5	5.3	6.5	4.9	5.4	6.8	5.7	6.2
29	6.7	5.2	5.7	5.6	4.0	4.7	6.4	5.5	5.9	6.2	5.4	5.8
30	6.5	4.4	5.3	5.6	4.1	4.7	6.5	6.2	6.3	6.5	5.6	6.0
31	---	---	---	5.7	4.4	5.1	6.7	6.5	6.6	---	---	---
MONTH	8.0	4.4	6.0	7.1	3.2	4.8	7.0	3.8	5.4	7.8	5.3	6.3
YEAR	13.1	3.2	8.0									

02161000 BROAD RIVER AT ALSTON, SC

LOCATION.--Lat 34°14'35'', long 81°19'11'', Fairfield County, Hydrologic Unit 03050106, on left bank at Southern Railway Alston-Peak trestle, 1.2 mi downstream from Parr Shoals Dam, and at mi 200.2.

DRAINAGE AREA.--4,790 mi².

PERIOD OF RECORD.--October 1980 to current year.

REVISED RECORDS.--WRD SC-82-1: 1982(M).

GAGE.--Water-stage recorder. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharge, Dec. 14, which is fair. Regulation at low and median flow by powerplants above station.

AVERAGE DISCHARGE.--6 years, 5,593 ft³/s, 15.83 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 59,400 ft³/s, Jan. 5, 1982, gage height, 19.95 ft; minimum daily, 242 ft³/s, Jun. 30, 1985.

REVISIONS.--Revised figures of discharge for the water year 1985, superseding those published in the report for 1985 are given below.

EXTREMES FOR 1985 WATER YEAR.--Maximum discharge, 47,500 ft³/s, Aug. 19, gage height 17.39 ft; minimum daily, 242 ft³/s, Jun. 30.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 47,000 ft³/s, Nov. 23, gage height 17.28 ft; minimum daily, 601 ft³/s, Jul. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1450	4320	3890	4590	10600	9760	3100	2680	2230	1390	4060	4070
2	2700	3740	4160	1580	29200	7140	4000	3510	1320	2140	1720	5430
3	4520	2080	4980	8640	34000	5120	4500	2860	1740	3260	4370	5110
4	4660	2050	8150	11500	26200	5850	2770	2720	2580	3750	2640	2100
5	3490	2480	6590	12800	18600	5780	2530	2650	2670	1730	1290	2200
6	2470	3600	7130	14500	24000	5820	1090	2750	2810	2650	2510	2730
7	664	3640	11700	9710	19500	4630	4170	4290	567	1800	2540	3010
8	2400	3480	7240	6220	13300	3030	4920	5570	2750	3510	1250	3460
9	3900	2820	5770	5620	7570	2770	3540	2860	2750	1290	1960	1360
10	4020	2460	1910	3000	7530	4340	4490	2410	5010	513	2730	2910
11	2500	2110	3180	2950	8070	5510	1090	2750	3430	2370	2680	3070
12	1700	2520	3890	3850	12100	3020	2210	3150	1450	1730	3800	1310
13	1270	3240	2690	5890	6720	4070	4470	3800	1420	1450	3910	2280
14	1520	3540	4390	2970	11700	5080	3820	4240	2070	2130	1910	2110
15	3030	3360	5740	2090	11500	3930	2530	1410	2820	3400	2120	2030
16	3500	3070	3650	4600	8840	2670	3620	1700	2300	2600	2180	1990
17	3550	2620	2430	5850	5910	3410	4420	3150	1400	2380	4160	2030
18	3540	2650	2880	5960	6320	4840	7670	3520	2770	3660	26900	2030
19	3030	2590	2750	2180	6390	4020	5600	3570	1490	2900	37900	2470
20	1980	2690	2890	2090	6000	1750	1440	3590	2400	566	23000	2180
21	1740	2690	2850	5000	5080	3970	2050	3570	2190	1360	9600	1410
22	3140	2660	3360	4670	5780	5800	5550	3620	1070	2010	5710	1260
23	3260	2630	4820	1430	4740	3710	4100	1440	1410	1380	1970	1250
24	4410	2660	4790	1390	4590	3710	2710	1850	2600	2850	3520	1500
25	10300	2690	3510	4350	5970	5570	2880	1380	2680	5190	8220	3480
26	5570	2770	1510	4600	6010	2700	3720	1380	2170	8000	14200	1210
27	4090	2710	2110	1340	5890	3130	3130	1700	558	5340	4670	3310
28	3100	2710	2120	4120	7040	5740	2740	2700	2500	3740	5670	1280
29	2410	2650	3060	4670	---	1810	3640	2730	2560	4040	7570	1200
30	2880	3620	4660	2120	---	2670	2900	4390	242	12800	4900	1240
31	4290	---	4680	4380	---	3800	---	2060	---	1970	3900	---
TOTAL	101094	86850	133280	155000	319150	135150	105400	90040	64057	93899	203560	71020
MEAN	3261	2895	4299	5000	11400	4360	3513	2905	2135	3029	6566	2367
MAX	10300	4320	11700	14500	34000	9760	7670	5570	5010	12800	37900	5430
MIN	664	2050	1510	1340	4590	1750	1090	1380	242	513	1250	1200

CAL YR 1984	TOTAL	2833890	MEAN	7743	MAX	48900	MIN	506
WTR YR 1985	TOTAL	1558490	MEAN	4270	MAX	37900	MIN	242

02161000 BROAD RIVER AT ALSTON, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1230	10300	32500	3780	2850	2840	3050	2130	2290	1310	1850	2630
2	3800	23500	30800	3660	2070	2890	3990	3790	2120	1310	1410	2400
3	5340	27500	19000	5620	3130	2830	3870	2050	2190	1270	1290	3620
4	11800	24000	11000	5300	3770	2850	3710	1310	2160	1280	1300	9220
5	6220	18900	9830	1410	3750	2890	2990	1330	2100	1300	1280	10200
6	5460	17700	6270	2840	3590	2910	2060	2380	2230	1290	1270	11100
7	1530	10700	5680	4070	3620	2860	2650	2940	2470	2570	3370	7740
8	936	9750	5650	5160	3710	2980	3710	2920	1350	1570	2320	5270
9	1260	5870	5720	3120	3840	2990	3580	1380	1330	1330	1280	4420
10	3210	3210	5790	1570	5010	2920	2970	1300	2130	1090	1290	3110
11	3940	2280	5950	2160	3930	2070	2800	1310	4510	838	1280	2830
12	1320	2810	5910	4690	2970	1300	2860	2190	2560	995	1750	1790
13	1250	3050	5590	5090	3240	3920	2990	2840	2750	981	3000	1430
14	2540	5230	5600	1400	3840	11200	2840	2800	2910	1120	4790	1260
15	1860	6650	5730	2370	3730	5090	2730	1470	1450	883	5610	3520
16	2020	6000	5220	4940	3780	6160	2820	2630	2870	926	7140	4000
17	1800	3110	4710	1370	3720	5970	2940	3580	3160	958	2260	3200
18	1640	4290	4960	2280	3900	5960	2840	2650	1390	1390	9540	1300
19	1900	4580	5200	4430	4410	10600	2760	3590	1310	1370	22800	1460
20	1910	8270	5530	5650	3160	7920	2280	2850	1300	1350	30100	2220
21	1940	6890	5240	5620	3770	10900	1410	2760	1300	866	36300	1850
22	4710	33000	3910	5560	3680	9780	2510	2800	1320	801	5470	1750
23	3450	42000	3800	5570	2050	5060	2780	2800	1310	853	11600	1690
24	2490	29600	3850	5580	3460	4600	2740	2060	1290	936	19700	2370
25	3780	15000	3630	5530	5120	6190	2080	1990	1440	932	9660	1300
26	2720	9840	3720	4170	2960	3110	3320	2020	1510	1000	3440	2120
27	1280	8030	3860	1790	2840	2930	2900	2460	1330	926	3440	1380
28	2110	6080	4040	2580	2840	4230	2750	3040	1310	1430	3600	1280
29	1590	6430	2030	4560	---	4380	2080	5110	1310	1680	2280	1490
30	2010	22900	3080	5000	---	3530	2900	5790	1310	1650	2430	2010
31	2910	---	4270	3700	---	3100	---	3920	---	1560	1620	---
TOTAL	89956	377470	228070	120670	98740	146960	85910	82190	58010	37765	204470	99960
MEAN	2902	12580	7357	3893	3526	4741	2864	2651	1934	1218	6596	3332
MAX	11800	42000	32500	5650	5120	11200	3990	5790	4510	2570	36300	11100
MIN	936	2280	2030	1370	2050	1300	1410	1300	1290	801	1270	1260

CAL YR 1985 TOTAL 1932772 MEAN 5295 MAX 42000 MIN 242
WTR YR 1986 TOTAL 1630171 MEAN 4466 MAX 42000 MIN 801

02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

LOCATION.--Lat 34°27'08", long 81°15'45", Fairfield County, Hydrologic Unit 03050106, at Road 346 bridge, 3.0 mi northeast of Salem Crossroads and 12.0 mi northwest of Winnsboro.

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--October 1980 to current year. All figures of discharge less than 700 ft³/s prior to October 1983 are unreliable and should not be used.

GAGE.--Water-stage recorder. Elevation of gage is 327 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jul. 3 to Aug. 15, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,200 ft³/s, Dec. 6, 1983, gage height, 9.07 ft; no flow Jul. 5-11, 1982, and many days July to Sept. 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,800 ft³/s, Nov. 30, gage height, 7.83 ft; minimum, 1.1 ft³/s, June 30, gage height, 0.98 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	46	223	9.9	12	6.6	8.3	3.3	2.6	1.3	1.8	3.4
2	13	59	97	6.9	12	6.3	7.9	3.2	2.4	1.3	1.7	3.1
3	6.7	31	47	6.6	12	6.4	7.3	3.0	2.1	1.3	1.6	6.4
4	112	134	33	6.1	11	6.1	6.9	2.9	2.1	1.6	1.9	4.9
5	20	50	28	5.9	11	7.7	6.6	3.0	2.1	1.5	5.0	316
6	7.8	28	24	5.3	13	6.7	6.3	3.0	2.0	1.4	3.6	95
7	5.4	20	19	5.6	13	6.0	6.5	3.0	1.9	1.4	4.0	27
8	4.4	16	17	5.1	9.9	5.4	6.9	3.0	1.9	1.3	4.5	15
9	4.0	13	15	6.6	9.6	5.5	6.7	2.9	1.9	1.2	3.0	11
10	3.6	12	13	6.0	11	5.4	5.6	2.8	25	1.3	2.3	8.4
11	3.4	11	12	5.8	26	5.9	5.5	2.8	4.7	2.1	2.4	6.7
12	3.2	12	12	5.5	22	5.2	5.4	2.8	2.8	2.0	2.5	5.7
13	3.2	21	21	5.3	16	6.4	5.2	3.2	2.2	1.9	3.2	4.7
14	3.0	16	16	5.6	15	34	4.9	7.3	1.9	1.8	3.9	3.8
15	3.0	13	11	5.2	15	22	4.9	3.3	2.4	1.8	4.7	3.3
16	2.9	11	10	5.0	12	13	4.6	3.0	2.1	1.7	2.8	3.2
17	2.9	11	9.8	5.3	12	10	4.7	2.8	1.8	1.6	2.0	3.6
18	2.8	9.5	9.1	14	12	8.5	4.6	3.1	1.6	1.4	308	3.8
19	2.9	8.7	8.1	202	11	23	4.5	4.9	1.6	1.3	104	3.7
20	2.9	9.9	7.8	62	10	103	4.7	25	1.6	1.2	67	3.0
21	4.5	15	7.4	34	9.6	54	12	4.7	1.6	1.5	38	2.6
22	44	362	7.3	26	9.0	31	6.2	3.2	1.6	2.0	18	2.4
23	25	159	7.8	22	8.5	25	4.7	2.7	1.4	1.9	11	2.3
24	11	51	7.7	19	8.1	20	4.4	2.5	1.4	1.7	7.8	2.2
25	8.1	34	6.8	17	7.8	16	4.3	3.3	1.4	2.5	5.4	2.1
26	6.6	27	6.2	21	7.5	15	4.1	19	1.4	4.5	4.1	1.9
27	5.5	22	6.0	21	7.9	14	3.8	7.7	1.3	4.0	3.6	1.9
28	5.1	18	6.4	16	6.8	12	3.7	13	1.3	3.3	3.3	1.9
29	4.4	42	6.4	16	---	11	3.5	6.8	1.2	3.0	3.1	1.9
30	5.1	767	5.6	15	---	11	3.3	4.0	1.1	2.2	2.8	1.9
31	7.4	---	6.3	13	---	8.9	---	3.1	---	2.0	3.0	---
TOTAL	336.1	2029.1	706.7	599.7	330.7	511.0	168.0	158.3	80.4	59.0	630.0	552.8
MEAN	10.8	67.6	22.8	19.3	11.8	16.5	5.60	5.11	2.68	1.90	20.3	18.4
MAX	112	767	223	202	26	103	12	25	25	4.5	308	316
MIN	2.3	8.7	5.6	5.0	6.8	5.2	3.3	2.5	1.1	1.2	1.6	1.9

CAL YR 1985 TOTAL 8350.7 MEAN 22.9 MAX 767 MIN 1.1
WTR YR 1986 TOTAL 6161.8 MEAN 16.9 MAX 767 MIN 1.1

02162010 CEDAR CREEK NEAR BLYTHEWOOD, SC

LOCATION.--Lat 34°11'44", long 81°06'13", Richland County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Road 59, 0.2 mi above Williams Branch, 8.0 mi southwest of Blythewood, and at mile 6.9.

DRAINAGE AREA.--48.9 mi².

PERIOD OF RECORD.--November 1966 to September 1983; Feburary 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Jul. 9-16, Jul. 31 to Aug. 9, Aug. 26-28 and Sept. 19-29, which are poor.

AVERAGE DISCHARGE.--17 years (water years 1968-83, 1986), 47.4 ft³/s, 13.16 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,870 ft³/s, Jul. 4, 1968, gage height, 18.42 ft; minimum, 0.07 ft³/s, Sept. 29, 1986, gage height, 2.14 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 30	1830	1010	7.45	Mar. 19	1900	*1360	*8.86

Minimum, 0.08 ft³/s, Sept. 29, gage height, 2.14 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	58	213	8.3	8.7	7.9	19	5.0	3.0	2.4	.10	1.1
2	3.0	43	161	9.0	8.7	7.6	18	5.2	2.8	3.3	.10	.94
3	2.9	10	59	8.0	8.9	7.4	17	5.0	3.7	2.3	.10	.78
4	3.2	7.5	38	7.6	8.7	7.4	16	4.8	2.9	1.8	.09	.88
5	3.9	5.9	31	7.2	8.8	7.4	14	4.7	5.6	1.6	.09	1.8
6	4.4	3.9	27	6.6	9.6	7.3	13	4.8	4.0	1.5	.09	2.4
7	7.1	3.2	24	6.2	13	7.0	12	4.9	2.8	3.1	.09	2.0
8	9.3	2.7	22	5.8	10	6.5	10	4.9	2.4	7.5	.09	1.6
9	8.3	2.2	21	6.6	9.2	6.3	11	7.5	6.1	2.0	.09	1.4
10	8.2	1.9	20	7.5	9.9	6.8	9.1	4.5	3.2	1.5	.17	1.2
11	11	1.7	19	7.9	66	7.2	8.2	3.8	2.7	1.3	.28	1.1
12	8.2	2.6	19	7.7	39	7.2	8.0	3.3	2.4	1.2	2.1	.96
13	10	4.4	27	7.5	23	127	7.8	3.9	2.0	1.1	2.3	.86
14	6.6	4.9	25	7.3	18	415	7.4	9.1	1.8	1.5	2.7	.77
15	9.0	3.8	20	7.1	17	112	7.7	6.0	2.2	1.9	1.6	.70
16	9.0	4.1	16	7.1	14	50	7.8	4.9	4.6	.77	1.2	.53
17	8.7	6.5	18	7.1	13	31	7.3	5.3	2.9	.58	.64	.30
18	8.3	2.9	17	7.5	13	24	6.8	9.8	2.3	.38	84	.18
19	7.9	3.6	16	26	12	468	6.7	4.2	1.9	.28	129	.11
20	7.4	6.8	14	24	12	363	6.5	9.4	1.8	.22	143	.10
21	6.9	22	13	14	11	145	9.4	6.1	1.6	.21	21	.10
22	8.0	387	12	11	10	70	9.2	4.0	1.5	.71	6.4	.10
23	6.7	96	12	10	9.7	49	6.7	3.3	3.7	.23	3.9	.09
24	3.9	32	10	9.3	9.0	40	10	3.2	2.8	.15	4.4	.09
25	3.0	21	7.3	8.4	8.9	34	6.3	3.0	2.0	.43	1.5	.09
26	2.8	21	7.5	10	8.1	31	5.4	2.8	1.7	.75	.60	.09
27	2.9	21	7.4	16	8.6	29	4.6	4.2	1.5	.33	.50	.08
28	4.7	16	7.5	12	8.4	26	5.5	5.3	2.3	.36	.60	.08
29	2.6	37	7.6	10	---	24	5.1	5.1	3.6	.19	1.0	.10
30	2.0	570	7.4	9.9	---	22	4.8	4.4	2.4	.17	.69	.85
31	2.6	---	7.4	9.1	---	21	---	3.3	---	.11	.64	---
TOTAL	183.5	1402.6	906.1	301.7	396.2	2167.0	280.3	155.7	84.2	39.87	409.06	21.38
MEAN	5.92	46.8	29.2	9.73	14.1	69.9	9.34	5.02	2.81	1.29	13.2	.71
MAX	11	570	213	26	66	468	19	9.8	6.1	7.5	143	2.4
MIN	1.0	1.7	7.3	5.8	8.1	6.3	4.6	2.8	1.5	.11	.09	.08

WTR YR 1986 TOTAL 6347.61 MEAN 17.4 MAX 570 MIN .08

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC

LOCATION.--Lat 34°01'38'', long 81°02'31'', Richland County, Hydrologic Unit 03050106, on left bank, 15 ft upstream from culvert opening at North Main Street in Columbia.

DRAINAGE AREA.--5.67 mi^2.

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--10 years, 6.98 ft^3/s, 22.51 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,950 ft^3/s, Jul. 4, 1983, gage height, 11.00 ft; minimum, 0.46 ft^3/s, Aug. 1, 2, 4, 5, 11-14, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,360 ft^3/s, Aug. 19, gage height, 8.42 ft; minimum daily, 0.66 ft^3/s, Jun. 18, 19, July 21, 22, gage height 0.42 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	51	19	2.0	1.5	2.6	2.7	1.4	.93	1.0	2.4	2.3
2	2.3	4.8	8.6	2.0	1.6	2.8	2.8	1.3	.96	2.5	7.9	2.1
3	19	7.7	5.9	2.0	1.8	2.8	2.6	1.3	.92	1.1	1.1	6.0
4	118	3.5	5.2	1.9	2.2	3.0	2.5	1.3	.96	1.2	.99	2.0
5	2.8	2.3	4.8	1.8	2.9	3.3	2.4	1.4	1.0	1.2	1.0	6.5
6	1.9	2.1	4.5	1.9	7.1	3.4	2.2	1.5	1.3	1.1	77	2.2
7	1.7	2.0	4.1	1.8	1.7	3.2	2.1	1.4	1.2	1.1	4.8	2.0
8	1.6	2.0	3.7	1.6	1.5	3.1	3.4	5.9	.89	1.4	1.7	1.7
9	1.6	1.9	3.5	1.8	1.5	3.1	2.0	1.2	27	1.6	14	1.7
10	2.2	1.9	3.4	1.9	26	3.3	1.9	.93	1.1	1.5	6.3	1.7
11	1.5	1.9	3.1	1.9	11	3.1	2.0	.93	1.1	1.1	10	1.8
12	1.7	21	9.9	1.9	2.4	3.0	1.9	.99	1.3	1.1	201	2.1
13	2.7	6.3	11	1.9	2.0	96	1.6	12	1.5	.82	7.6	2.0
14	1.4	2.2	2.8	2.1	2.4	49	1.9	1.2	1.4	2.5	6.0	1.7
15	1.6	2.1	2.6	2.3	2.2	6.6	1.6	1.0	1.3	1.1	2.5	1.5
16	2.1	2.1	2.6	2.5	1.9	4.5	1.7	1.0	2.3	4.7	2.7	1.4
17	1.8	2.1	2.3	2.5	2.0	3.8	1.6	1.1	.84	1.2	4.7	1.3
18	2.2	2.0	2.3	6.8	2.3	3.5	1.6	1.0	.82	1.6	66	1.3
19	2.2	2.0	2.0	7.8	2.5	55	1.6	3.3	.87	1.6	197	1.4
20	2.3	28	2.1	1.7	2.7	14	1.5	1.1	.95	1.5	75	1.4
21	17	31	2.0	1.5	2.7	6.2	4.8	.93	.86	1.8	12	1.3
22	57	135	2.0	1.5	2.8	4.8	1.3	1.0	.98	32	6.7	1.2
23	2.5	10	2.1	1.4	2.7	4.1	1.3	1.1	1.1	1.0	4.7	1.2
24	1.7	6.2	2.1	1.4	2.8	3.7	1.3	1.2	.98	1.4	3.7	1.2
25	1.5	5.3	2.0	8.7	2.9	3.4	1.4	1.0	.95	73	2.9	1.2
26	1.3	17	1.6	13	3.0	3.2	1.3	1.1	4.5	3.7	2.6	1.4
27	1.2	4.7	1.8	2.0	3.0	3.2	1.4	15	34	28	2.5	1.4
28	1.2	4.1	2.3	1.7	2.6	3.1	1.3	34	1.4	3.8	24	2.5
29	1.1	36	1.9	2.0	---	2.9	1.2	7.6	1.2	1.7	2.8	1.3
30	1.2	46	1.8	1.7	---	2.8	1.2	1.3	1.3	1.7	4.3	1.4
31	51	---	2.0	1.6	---	2.8	---	1.1	---	1.8	3.9	---
TOTAL	313.9	444.2	125.0	86.6	101.7	309.3	58.1	106.58	95.91	180.82	759.79	58.2
MEAN	10.1	14.8	4.03	2.79	3.63	9.98	1.94	3.44	3.20	5.83	24.5	1.94
MAX	118	135	19	13	26	96	4.8	34	34	73	201	6.5
MIN	1.1	1.9	1.6	1.4	1.5	2.6	1.2	.93	.82	.82	.99	1.2

CAL YR 1985 TOTAL 2781.20 MEAN 7.62 MAX 161 MIN .89
WTR YR 1986 TOTAL 2640.10 MEAN 7.23 MAX 201 MIN .82

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12'', long 82°32'16'', Greenville County, Hydrologic Unit 03050109, at State Road 41 bridge, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,078 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Nov. 30 to Dec. 3, Mar. 29 to May 6, which are poor.

AVERAGE DISCHARGES: 6 years, 49.5 ft³/s, 32.01 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5190 ft³/s gage height, 11.21 ft, Jun. 11, 1986; minimum, 8.9 ft³/s, gage height, 1.93 ft, Oct 7, 8, 1981; minimum daily discharge, 10 ft³/s, Oct. 3, 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5190 ft³/s, gage height, 11.21 ft, Jun. 11; minimum, 11 ft³/s, gage height 1.97 ft, Jun. 5, and Jul. 21; minimum daily discharge, 14 ft³/s Jul. 31, Aug. 3, Sept. 28, 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	223	120	47	36	32	39	26	25	30	15	47
2	34	92	92	43	37	32	40	27	28	35	15	60
3	46	69	84	43	36	32	40	27	24	31	14	60
4	31	92	79	42	35	31	39	28	24	27	16	52
5	27	76	74	41	38	31	38	27	23	26	20	67
6	25	58	71	40	39	30	37	25	21	25	18	46
7	24	38	68	40	42	30	36	27	21	24	17	31
8	25	30	65	38	36	29	38	23	21	24	23	29
9	24	28	63	37	35	30	44	22	24	24	30	27
10	24	27	61	38	35	38	42	22	25	29	24	24
11	23	25	61	36	38	37	42	27	852	27	23	25
12	23	24	66	36	34	32	41	29	111	24	58	26
13	23	27	69	35	33	79	39	30	74	22	29	21
14	23	23	60	35	34	68	36	32	60	21	25	20
15	23	22	57	34	36	56	33	25	51	22	21	19
16	23	27	57	34	35	48	32	24	46	21	20	19
17	23	26	56	34	37	44	32	24	48	20	19	19
18	22	22	54	40	62	42	31	23	43	19	30	18
19	22	21	53	96	46	94	30	39	39	18	24	18
20	22	20	52	56	42	73	29	29	37	17	22	21
21	42	65	50	47	40	61	35	24	33	17	20	22
22	32	72	49	44	38	55	37	23	33	16	19	18
23	27	38	50	42	37	52	32	24	32	17	19	17
24	29	30	49	40	36	49	31	23	34	18	18	17
25	26	25	46	40	34	46	30	21	33	18	16	16
26	24	22	43	46	34	45	30	22	29	17	16	15
27	23	20	45	37	34	44	29	46	29	19	16	15
28	23	21	45	34	33	42	28	38	29	19	16	14
29	22	24	44	39	---	41	27	31	41	16	16	14
30	36	170	43	38	---	40	27	30	34	15	15	15
31	74	---	49	37	---	39	---	27	---	14	16	---
TOTAL	874	1457	1875	1289	1052	1402	1044	845	1924	672	650	812
MEAN	28.2	48.6	60.5	41.6	37.6	45.2	34.8	27.3	64.1	21.7	21.0	27.1
MAX	74	223	120	36	62	94	44	46	852	35	58	67
MIN	22	20	43	34	33	29	27	21	21	14	14	14

CAL YR 1985 TOTAL 16439 MEAN 45.0 MAX 431 MIN 17
WTR YR 1986 TOTAL 13896 MEAN 38.1 MAX 852 MIN 14

02162525 HAMILTON CREEK NEAR EASLEY, SC

LOCATION.--Lat 34°50'10", long 02°33'09", Pickens County, Hydrologic Unit 03050109, on Route 135, 4.6 mi northeast of Easley and 0.6 mi upstream of Georges Creek.

DRAINAGE AREA.--1.60 mi².

PERIOD OF RECORD.--February 1981 to current year. (Discontinued)

GAGE.--Water-stage recorder. Elevation of gage is 890 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: July 23 to Aug. 19. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 17, 1985, gage height, 5.87 ft; minimum daily, 0.09 ft³/s Jul. 19-21, Aug. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Nov. 1, gage height, 2.77 ft; minimum daily, 0.09 ft³/s Jul. 19-21, Aug.4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	23	6.0	2.6	1.7	2.6	1.8	1.7	3.0	.54	.15	2.5
2	1.8	2.0	3.6	1.8	1.7	2.7	1.8	1.7	2.9	.44	.13	1.5
3	1.9	.90	2.9	1.7	1.7	2.9	1.7	2.1	1.0	.42	.11	6.8
4	1.1	2.1	2.6	1.6	1.7	2.8	1.7	1.7	.80	.35	.09	6.1
5	.92	1.1	2.5	1.6	2.0	2.4	1.7	1.7	.83	.36	.13	3.2
6	.85	.79	2.2	1.8	2.1	2.5	1.8	1.8	.74	.32	.12	1.6
7	.82	.70	2.1	1.6	1.9	2.2	1.9	2.3	.57	.31	.10	1.1
8	.83	.67	2.1	1.8	1.7	2.2	2.8	2.3	.48	.26	.20	.83
9	.81	.64	1.9	1.7	1.9	2.4	2.4	2.3	.47	.24	.17	.72
10	.72	.63	1.9	1.6	2.4	2.8	2.5	2.2	.55	.22	.14	.73
11	.76	.64	1.9	1.7	2.5	2.8	2.6	2.2	.51	.21	.40	.78
12	.75	.73	1.9	1.7	1.9	2.6	2.6	2.2	.40	.16	2.5	.97
13	.81	.90	3.2	1.6	1.8	11	2.7	3.1	.38	.14	1.8	.75
14	.78	.88	2.0	1.7	2.0	10	2.6	1.8	.34	.21	1.0	.70
15	.83	.88	1.9	1.5	2.1	6.6	2.6	1.2	.33	.25	.22	.64
16	.95	1.0	1.8	1.5	2.0	4.5	2.3	1.1	.44	.14	.45	.62
17	1.1	.91	1.9	1.5	2.6	4.0	1.9	1.0	.51	.10	1.0	.59
18	1.2	.87	1.8	2.1	6.3	3.6	1.8	2.1	.54	.10	2.5	.63
19	1.2	.85	1.8	3.3	2.4	9.3	1.8	4.2	.55	.09	1.6	.68
20	.94	.98	1.8	1.2	1.8	7.1	1.8	2.3	.59	.09	1.0	.69
21	5.9	15	1.8	1.9	1.8	4.2	2.3	1.3	.62	.09	.77	.64
22	8.0	13	1.8	3.0	2.0	3.4	1.7	1.1	.65	.63	.60	.59
23	1.6	4.0	1.8	1.9	2.2	3.1	1.5	.93	.64	1.0	.54	.57
24	1.1	2.6	1.8	2.1	2.3	2.9	1.7	.88	.61	1.7	.46	.56
25	.69	1.9	1.8	2.3	2.3	2.6	1.7	.94	.63	.15	.42	.54
26	.50	1.6	1.8	5.0	2.5	2.5	1.6	1.1	.64	.11	.41	.51
27	.53	1.5	1.8	2.8	2.6	2.3	1.6	2.1	.66	.17	.41	.49
28	.53	1.4	1.8	2.4	2.5	2.1	1.7	3.9	.76	.15	.64	.49
29	.46	1.6	1.8	2.3	---	2.0	1.9	2.0	.78	.12	.45	.61
30	.49	21	1.8	2.3	---	1.8	1.8	1.8	.66	.11	.41	.78
31	.98	---	3.5	2.2	---	1.8	---	1.4	---	.10	.55	---
TOTAL	41.15	104.77	69.3	63.8	62.4	115.7	60.3	58.45	22.58	9.28	19.47	37.91
MEAN	1.33	3.49	2.24	2.06	2.23	3.73	2.01	1.89	.75	.30	.63	1.26
MAX	8.0	23	6.0	5.0	6.3	11	2.8	4.2	3.0	1.7	2.5	6.8
MIN	.46	.63	1.8	1.2	1.7	1.8	1.5	.88	.33	.09	.09	.49

CAL YR 1985	TOTAL	939.99	MEAN	2.58	MAX	77	MIN	.30
WTR YR 1986	TOTAL	665.11	MEAN	1.82	MAX	23	MIN	.09

02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'01", long 82°13'12", Greenwood County, Hydrologic Unit 03050109, on right bank 2.0 mi southeast of Ware Shoals, 2.5 mi downstream from Ware Shoals Dam, 5.0 mi upstream from Turkey Creek, and at mile 83.7.

DRAINAGE AREA.--581 mi².

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Elevation of gage is 448 ft above National Geodetic Vertical Datum of 1929 (by barometer).

REMARKS.--Records good, except those below 150 ft³/s, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff. About 44,853,561 gal per day or 69.4 ft³/s diverted above station for City of Greenville water supply during water year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930; supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into Reedy River near Greenville.

AVERAGE DISCHARGE.--48 years, 1,008 ft³/s, 23.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,700 ft³/s, Sept. 14, 1973, gage height, 22.85 ft, from rating curve extended above 14,000 ft³/s on basis of computation of peak flow over dam; minimum, less than 1.0 ft³/s, Aug. 4 and 8, 1986; minimum daily, 11 ft³/s, Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 30	1930	*3270	*7.25

Minimum daily, 13 ft³/s, Aug. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	319	586	3130	569	535	550	602	367	566	135	48	281
2	455	1680	2550	758	505	447	592	367	452	139	13	205
3	427	2000	1830	771	590	541	532	421	56[illegible]	217	65	421
4	457	1350	1480	509	470	509	528	388	546	240	132	779
5	366	1240	1190	453	526	481	526	358	538	247	95	863
6	449	1350	1060	571	559	487	524	376	540	258	43	1040
7	345	1160	854	691	512	474	525	379	464	132	59	882
8	326	888	759	553	518	478	504	455	459	205	40	651
9	419	692	942	535	541	484	277	357	449	170	242	551
10	323	713	929	515	665	460	615	346	524	87	276	326
11	307	794	660	506	541	474	555	302	486	116	190	339
12	381	840	865	497	534	477	520	439	961	218	495	396
13	409	592	726	565	540	552	482	381	1310	159	401	327
14	623	518	816	571	537	811	512	307	453	50	413	307
15	446	560	742	539	486	888	510	296	487	31	342	286
16	153	565	705	494	518	726	560	450	498	83	172	355
17	401	550	771	503	524	660	683	487	399	79	64	338
18	311	426	614	522	605	701	463	469	388	250	242	291
19	252	397	541	533	688	619	373	416	403	90	256	161
20	252	741	629	745	611	1160	380	438	392	166	442	271
21	294	1380	637	779	633	1190	454	494	393	105	369	230
22	662	2400	628	749	611	726	401	534	363	156	215	328
23	739	2060	534	529	546	750	402	353	380	124	163	365
24	631	1730	542	627	549	830	443	366	320	78	158	421
25	499	1320	585	515	556	695	391	423	284	341	265	273
26	379	1130	577	559	531	627	375	390	281	353	295	269
27	360	943	549	567	539	622	322	436	232	137	264	267
28	389	674	544	589	488	603	267	513	268	87	343	266
29	411	723	574	545	---	605	512	736	256	86	262	159
30	363	1880	603	547	---	519	365	595	174	67	189	306
31	364	---	545	550	---	535	---	529	---	61	24[illegible]	---
TOTAL	12592	31882	27711	17956	15458	19681	14195	13168	13819	4667	6802	11954
MEAN	406	1063	894	579	552	635	473	425	461	151	219	398
MAX	739	2400	3130	779	688	1190	683	736	1310	353	495	1040
MIN	153	397	529	453	470	447	267	296	174	31	13	159

CAL YR 1985 TOTAL 255151 MEAN 699 MAX 3730 MIN 153
WTR YR 1986 TOTAL 189885 MEAN 520 MAX 3130 MIN 13

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02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02", long 82°09'10", Laurens County, Hydrologic Unit 03050109, on downstream side of Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, an at mile 8.7.

DRAINAGE AREA.--236 mi².

PERIOD OF RECORD.--March 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 453.86 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--Estimated daily discharges: Dec. 6-11. Records poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

AVERAGE DISCHARGE.--47 years, 351 ft³/s, 20.20 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, Sept. 14, 1973, gage height, 15.40 ft; minimum, 2.7 ft³/s, Jul. 6, 1967, gage height, 0.42 ft; minimum daily, 4.8 ft³/s, Sept. 9, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 30	1030	*1560	*7.56

Minimum daily, 32 ft³/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	120	409	1480	244	189	180	203	146	135	71	69	76
2	417	1080	1480	329	185	175	205	145	124	76	66	84
3	247	1350	991	213	184	173	207	140	142	75	71	121
4	223	900	425	202	184	172	201	134	127	73	66	293
5	190	725	342	198	191	175	198	130	120	73	94	207
6	142	301	280	189	194	178	192	130	118	69	80	174
7	121	187	250	187	196	180	183	137	113	69	77	107
8	114	158	225	188	204	176	186	158	108	69	84	84
9	120	140	210	184	184	173	249	156	102	71	107	73
10	120	133	198	187	181	173	233	142	116	72	94	71
11	121	125	190	190	200	179	190	135	115	74	82	69
12	119	124	180	185	232	191	182	130	112	71	88	68
13	117	133	225	182	195	259	176	136	112	71	174	65
14	112	137	500	181	180	795	170	157	99	69	418	63
15	112	130	247	180	185	721	167	160	94	71	166	55
16	118	138	208	179	191	359	172	145	94	78	125	52
17	119	191	197	181	181	265	170	137	86	124	108	52
18	121	150	194	187	194	233	166	222	86	91	103	51
19	119	134	188	301	332	287	168	153	84	64	610	50
20	119	134	183	649	232	1040	165	193	84	48	373	50
21	118	571	184	269	206	903	206	186	81	47	174	47
22	578	1330	181	228	196	455	205	147	76	46	159	44
23	660	1430	180	209	189	325	188	129	72	48	126	43
24	269	1400	180	198	182	278	170	123	70	52	110	42
25	192	1260	178	191	180	256	167	121	71	87	100	40
26	162	403	170	201	183	246	164	122	73	75	92	38
27	148	269	168	240	184	243	159	125	73	65	93	37
28	137	244	176	211	183	231	153	310	74	63	90	35
29	130	238	180	194	---	222	150	775	74	97	88	33
30	134	1150	175	194	---	214	155	206	72	80	83	32
31	143	---	179	192	---	205	---	154	---	83	78	---
TOTAL	5662	15074	10144	6863	5517	9662	5500	5384	2907	2222	4248	2256
MEAN	183	502	327	221	197	312	183	174	96.9	71.7	137	75.2
MAX	660	1430	1480	649	332	1040	249	775	142	124	610	293
MIN	112	124	168	179	180	172	150	121	70	46	66	32

CAL YR 1985 TOTAL 121238 MEAN 332 MAX 2000 MIN 86

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02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC

LOCATION.--Lat 34°10'08'', long 81°54'30'', Newberry County, Hydrologic Unit 03050109, at upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi².

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) NGVD. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft NGVD. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir levels was first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 439.86 ft, Dec. 2; minimum, 434.46 ft, Feb. 28.

Capacity table (elevation, in feet) and usable contents
(in billions of cubic feet)
(prepared from capacity curve drawn by D. T. Duncan, Engineer)

433.0 ft	4.51 ft³	438.0 ft	6.72 ft³
434.0 ft	4.94 ft³	439.0 ft	7.18 ft³
435.0 ft	5.38 ft³	440.0 ft	7.64 ft³
436.0 ft	5.82 ft³	441.0 ft	8.10 ft³
437.0 ft	6.27 ft³	442.0 ft	8.56 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.76	438.51	439.71	436.99	435.67	434.58	436.42	437.18	439.04	438.76	438.14	438.81
2	438.50	438.51	439.77	436.96	435.62	434.54	436.43	437.24	438.99	438.73	438.10	438.79
3	438.53	438.50	439.52	436.89	435.60	434.69	436.48	437.27	439.03	438.71	438.05	438.92
4	438.52	438.49	439.10	436.81	435.52	434.73	436.55	437.29	439.02	438.65	438.04	438.93
5	438.50	438.53	438.62	436.74	435.50	434.80	436.62	437.32	439.00	438.66	438.02	438.96
6	438.52	438.51	438.17	436.75	435.47	434.85	436.69	437.37	439.01	438.65	437.97	438.97
7	438.51	438.47	438.19	436.70	435.42	434.90	436.75	437.44	439.01	438.54	437.96	438.87
8	438.50	438.53	438.15	436.66	435.42	434.99	436.75	437.50	439.05	438.53	437.93	438.88
9	438.51	438.52	438.04	436.61	435.36	435.08	436.66	437.53	439.13	438.50	437.92	438.83
10	438.49	438.54	438.01	436.60	435.33	435.11	436.76	437.57	439.03	438.48	437.94	438.79
11	438.51	438.51	438.01	436.56	435.26	435.17	436.77	437.59	439.01	438.38	437.99	438.79
12	438.54	438.52	437.95	436.50	435.27	435.17	436.76	437.64	439.02	438.35	438.16	438.75
13	438.52	438.50	437.90	436.48	435.15	435.05	436.73	437.65	439.03	438.31	438.38	438.77
14	438.51	438.50	437.83	436.43	435.14	434.91	436.74	437.70	439.01	438.31	438.51	438.74
15	438.51	438.54	437.81	436.39	435.06	435.22	436.74	437.72	439.12	438.27	438.57	438.71
16	438.49	438.53	437.72	436.34	435.05	435.47	436.73	437.78	439.05	438.23	438.58	438.72
17	438.52	438.50	437.72	436.31	435.02	435.50	436.75	437.85	439.02	438.21	438.56	438.71
18	438.49	438.56	437.66	436.33	434.98	435.57	436.73	437.90	439.00	438.17	438.60	438.68
19	438.50	438.48	437.56	436.24	434.83	435.69	436.73	438.00	439.03	438.11	438.63	438.66
20	438.51	438.54	437.54	436.18	435.05	435.71	436.75	438.10	439.01	438.10	438.76	438.69
21	438.51	438.93	437.50	436.12	435.02	435.77	436.77	438.17	439.00	437.99	438.80	438.67
22	438.53	439.47	437.43	436.11	434.81	435.76	436.69	438.23	439.00	437.99	436.81	438.64
23	438.52	439.43	437.39	436.04	434.75	435.96	436.76	438.26	439.00	437.97	438.80	438.63
24	438.51	439.23	437.39	436.00	434.74	435.92	436.83	438.29	438.90	437.97	438.77	438.60
25	438.51	438.92	437.26	435.93	434.75	435.96	436.89	438.37	438.85	438.26	438.77	438.60
26	438.51	438.48	437.25	435.91	434.64	436.03	436.95	438.36	438.84	438.25	438.76	438.58
27	438.53	438.54	437.22	435.86	434.55	436.21	436.99	438.56	438.79	438.25	438.77	438.56
28	438.50	438.53	437.18	435.81	434.51	436.34	437.04	438.66	438.81	438.24	438.87	438.56
29	438.49	438.53	437.08	435.80	---	436.18	437.10	438.86	438.80	438.24	438.83	438.53
30	438.49	439.36	437.05	435.73	---	436.28	437.15	438.97	438.78	438.21	438.80	438.48
31	438.51	---	436.99	435.70	---	436.30	---	438.98	---	438.18	438.78	---
MAX	438.76	439.47	439.77	436.99	435.67	436.34	437.15	438.98	439.13	438.76	438.87	438.97
MIN	438.49	438.47	436.99	435.70	434.51	434.54	436.42	437.18	438.78	437.97	437.92	438.48
[+]	6.95	7.35	6.27	5.69	5.16	5.96	6.34	7.17	7.08	6.80	7.08	6.94
[*]	-3.7	154	-403	-217	-219	299	147	310	-35	-105	105	-56

CAL YR 1985 * 0 MAX 439.77 MIN 434.51
WTR YR 1986 *-0.6 MAX 439.77 MIN 434.51

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

LOCATION.--Lat 34°07'57'', long 81°59'48'', Greenwood County, Hydrologic Unit 03050109, at downstream side of bridge on State Road 288, 3.3 mi southeast of Ninety-Six and 10.1 mi southeast of Greenwood.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 425 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--6 years, 17.4 ft³/s, 13.58 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,100 ft³/s, Apr. 8, 1983, gage height, 10.28 ft; minimum, 0.08 ft³/s, Oct. 3-6, 9, 10, 20, 21, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 740 ft³/s, Nov. 22, gage height, 9.33 ft; minimum daily, 0.29 ft³/s, Jul. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.96	318	207	11	5.4	4.3	6.0	3.3	2.8	.79	.41	1.2
2	14	110	78	7.2	5.3	4.2	5.5	3.3	2.5	1.0	.41	1.2
3	5.4	26	21	6.3	5.3	4.2	5.3	3.2	2.2	1.6	.40	1.3
4	86	69	13	5.8	5.2	4.2	5.2	3.1	2.2	.86	.36	1.3
5	6.8	29	11	5.8	5.3	4.1	5.2	3.1	2.1	.71	.35	1.3
6	2.7	13	9.7	5.3	17	4.1	5.0	3.1	2.1	.66	.34	1.2
7	1.7	9.0	8.3	5.2	18	4.0	4.9	3.1	1.9	.63	.33	1.1
8	1.4	7.5	7.7	4.8	9.0	3.8	5.4	3.3	1.7	.55	.49	.92
9	1.3	6.6	7.3	4.7	6.8	3.8	5.9	3.0	2.2	.50	.52	.93
10	1.3	6.2	6.9	4.8	11	4.1	5.0	2.8	3.9	.46	.33	.97
11	1.3	5.9	6.7	4.7	43	4.2	4.9	2.6	2.1	.43	.35	.94
12	1.3	9.3	7.0	4.3	17	4.0	4.8	3.3	1.8	.43	1.4	.88
13	1.3	37	15	4.4	10	36	4.7	5.0	1.6	.41	65	.83
14	1.3	20	11	4.2	8.2	268	4.5	3.7	1.5	.39	81	.76
15	1.3	13	7.6	4.3	8.9	48	4.4	3.2	1.4	.39	4.4	.68
16	1.4	12	6.9	4.1	7.3	20	4.6	3.1	1.6	.39	2.3	.67
17	1.6	12	6.6	4.2	6.6	14	4.6	3.0	1.4	.36	1.6	.65
18	1.7	10	6.2	5.9	6.7	10	4.6	2.8	1.2	.35	1.5	.61
19	1.7	9.6	5.8	30	6.3	111	4.5	2.7	1.2	.36	1.4	.71
20	1.7	9.6	5.7	12	5.9	270	4.4	3.1	1.1	.35	1.6	.77
21	2.7	68	5.6	7.7	5.4	45	8.2	2.7	1.0	.33	1.6	.69
22	86	498	5.6	6.5	5.3	20	5.5	2.6	.92	.31	1.3	.63
23	34	114	5.8	5.9	5.2	13	4.7	2.5	.84	.30	1.2	.60
24	8.0	20	5.7	5.3	4.9	11	4.4	2.5	.76	.29	1.2	.59
25	4.8	13	5.5	5.2	4.8	8.5	4.1	2.4	.81	.97	1.0	.58
26	3.7	11	5.0	8.6	4.7	7.8	3.9	2.3	.73	2.7	.99	.57
27	3.2	9.5	5.5	8.5	4.8	7.4	3.7	55	.69	.71	1.1	.54
28	3.8	8.2	5.9	7.1	4.5	6.6	3.5	68	.80	.54	1.2	.50
29	3.6	11	5.8	6.4	---	6.2	3.5	18	1.3	.48	1.1	.49
30	3.2	474	5.3	6.2	---	6.0	3.4	4.9	.81	.45	.96	.52
31	5.4	---	5.9	5.6	---	5.8	---	3.3	---	.42	1.1	---
TOTAL	294.56	1961.4	510.0	212.0	247.8	963.3	144.3	228.0	47.16	19.12	177.24	24.63
MEAN	9.50	65.4	16.5	6.84	8.85	31.1	4.81	7.35	1.57	.62	5.72	.82
MAX	86	498	207	30	43	270	8.2	68	3.9	2.7	81	1.3
MIN	.96	5.9	5.0	4.1	4.5	3.8	3.4	2.3	.69	.29	.33	.49

CAL YR 1985	TOTAL	5726.72	MEAN	15.7	MAX	633	MIN	.43
WTR YR 1986	TOTAL	4829.51	MEAN	13.2	MAX	498	MIN	.29

02167000 SALUDA RIVER AT CHAPPELLS, SC

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, Hydrologic Unit 03050109, on left bank on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi².

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at practically same site since 1905 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 362.89 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

REMARKS.--Records fair, except for estimated daily discharges, Jan. 17-22, Jan. 31 to Feb. 5, Apr. 20 to May 15, Jun. 3-23, and Jul. 6-16, which are poor. Flow regulated by Lake Greenwood (see sta. 02166501).

AVERAGE DISCHARGE.--60 years, 1942 ft³/s, 19.39 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63,700 ft³/s, Oct. 2, 1929, gage height 32.5 ft, present datum, from rating curve extended above 27,000 ft³/s on basis of velocity-area studies; minimum, 8 ft³/s, Oct. 29, 1939, caused by construction work above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,140 ft³/s, Dec. 1, gage height, 14.66 ft; minimum, 31 ft³/s, Sept. 29, gage height, 0.37 ft; minimum daily, 190 ft³/s, Sept. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	400	3240	6910	862	900	469	371	270	313	275	366	299
2	3670	3860	5740	740	1000	995	859	260	1180	374	331	328
3	1910	4020	4850	867	740	285	575	250	350	364	351	342
4	2330	4050	4570	699	900	828	790	230	700	329	243	592
5	1060	2190	4490	616	800	226	557	210	400	354	381	1310
6	515	2140	4390	471	1470	662	534	250	400	350	358	1560
7	795	2010	1630	1070	1370	481	593	350	350	700	249	1290
8	546	1190	1410	1320	1180	629	806	500	300	400	410	1060
9	521	1230	1680	1180	1200	370	1160	450	600	300	250	821
10	661	1020	1190	998	1390	544	469	210	1500	300	395	632
11	367	1250	1060	1050	1450	665	902	400	1000	600	324	268
12	459	1560	1910	1120	1830	721	763	700	700	300	389	912
13	714	1520	1670	1050	1340	1770	803	800	1000	350	448	366
14	725	946	2280	1040	1130	3630	856	900	1600	400	774	463
15	724	943	1600	1120	1250	1410	641	800	400	420	440	479
16	384	1210	1810	1150	1020	560	1170	366	700	460	339	425
17	419	1190	1170	900	1120	1150	843	382	1000	366	392	325
18	662	352	1650	1000	1190	827	738	330	1400	503	321	377
19	295	1530	1180	2000	1560	1480	518	346	500	522	451	504
20	296	1020	1670	1700	683	3710	500	314	320	286	384	312
21	878	2680	1370	1300	750	3090	800	306	310	374	323	190
22	1560	6040	1480	1300	2360	1630	1100	385	300	325	402	568
23	2870	6590	1320	1330	1200	524	1000	306	500	344	348	435
24	1660	5290	1280	1230	1230	1790	300	243	740	313	288	745
25	877	4580	1410	1210	443	1220	340	420	554	361	344	373
26	760	4450	1310	1250	1610	665	270	373	277	421	370	473
27	604	2020	1080	1050	1400	640	270	599	509	486	272	323
28	349	1610	1310	1440	1180	388	270	652	219	395	281	306
29	770	1590	1210	1160	---	1430	300	457	371	286	524	285
30	629	4370	924	1130	---	860	290	296	467	321	303	662
31	730	---	565	860	---	881	---	722	---	389	338	---
TOTAL	29140	75691	66119	34213	33696	34530	19393	13077	18960	11972	11389	17025
MEAN	940	2523	2133	1104	1203	1114	646	422	632	386	367	568
MAX	3670	6590	6910	2000	2360	3710	1170	900	1600	700	774	1560
MIN	295	352	565	471	443	226	270	210	219	279	243	190

CAL YR 1985 TOTAL 493859 MEAN 1353 MAX 8000 MIN 93
WTR YR 1986 TOTAL 365205 MEAN 1001 MAX 6910 MIN 190

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07", long 80°13'15", Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.0 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi^2, approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.64 ft below National Geodetic Vertical Datum of 1929. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 ft^3 between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 ft^3. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gages 362 ft; gage height of other spillway crest, 340 ft with top of gages 365 ft. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 357.06 ft, Sept 8, minimum gage height, 351.59 ft Jan. 9,10.

Capacity table (Gage height, in feet)
and usable contents (in billions of cubic feet)
(Prepared by Lexington Water Power Co. from topographic map, contour survey,
and study of change in reservoir elevation due to inflow)

350.0 ft	50.77 ft^3
352.0 ft	54.30 ft^3
356.0 ft	61.91 ft^3
358.0 ft	66.00 ft^3
360.0 ft	70.30 ft^3

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.44	355.33	355.06	352.49	352.61	354.22	356.30	356.24	356.19	355.93	354.97	356.79
2	354.75	355.44	355.26	352.41	352.66	354.24	356.18	356.23	356.05	355.89	354.92	356.79
3	354.84	355.37	355.30	352.38	352.69	354.25	355.99	356.21	356.05	355.86	354.91	356.84
4	355.09	355.20	355.40	352.31	352.74	354.29	355.97	356.19	356.03	355.80	354.91	356.85
5	355.21	355.01	355.41	352.19	352.82	354.24	355.97	356.15	356.03	355.80	354.86	356.90
6	355.21	354.72	355.44	352.06	352.90	354.26	355.97	356.09	356.03	355.81	354.92	356.92
7	355.21	354.45	355.49	351.93	352.96	354.25	355.97	355.86	356.03	355.81	354.91	356.98
8	355.21	354.31	355.47	351.65	353.01	354.24	356.02	355.88	356.05	355.81	354.89	356.98
9	355.21	354.01	355.39	351.59	353.06	354.24	356.05	355.87	355.99	355.80	354.85	356.95
10	355.17	353.83	355.27	351.62	353.20	354.24	356.05	355.83	355.98	355.73	354.90	356.93
11	355.17	353.81	355.17	351.64	353.36	354.24	356.05	355.80	356.00	355.71	354.98	356.81
12	355.15	353.62	355.13	351.64	353.46	354.26	356.05	355.84	355.94	355.71	355.10	356.79
13	355.15	353.46	355.21	351.67	353.46	354.38	356.05	355.85	355.98	355.65	355.16	356.72
14	355.07	353.41	355.11	351.65	353.54	354.65	356.05	355.87	355.98	355.54	355.34	356.70
15	354.80	353.40	354.97	351.65	353.56	354.79	356.08	355.88	355.98	355.52	355.37	356.73
16	354.69	353.40	354.73	351.69	353.59	354.84	356.08	355.88	356.03	355.45	355.36	356.69
17	354.58	353.40	354.52	351.71	353.64	354.86	356.18	355.85	356.02	355.41	355.33	356.57
18	354.58	353.32	354.37	351.86	353.69	354.90	356.19	355.88	356.02	355.27	356.00	356.54
19	354.57	353.09	354.02	352.14	353.76	355.28	356.18	355.94	356.02	355.26	356.40	356.57
20	354.55	352.81	353.99	352.27	353.82	355.71	356.18	355.94	356.03	355.21	356.64	356.41
21	354.62	352.51	353.87	352.34	353.82	355.91	356.25	355.94	356.03	355.03	356.65	356.33
22	354.80	352.88	353.83	352.44	353.95	355.99	356.25	355.94	356.02	355.04	356.72	356.24
23	354.89	353.35	353.83	352.48	353.98	356.03	356.28	355.93	356.00	355.03	356.72	356.18
24	354.95	353.64	353.78	352.51	354.06	356.08	356.28	355.93	355.95	355.03	356.81	356.02
25	354.96	353.65	353.66	352.56	354.08	356.14	356.28	355.93	355.96	355.06	356.80	355.64
26	354.97	353.73	353.21	352.68	354.12	356.18	356.28	355.93	355.95	355.03	356.78	355.71
27	354.97	353.76	352.98	352.66	354.18	356.20	356.28	356.02	355.94	355.07	356.77	355.18
28	354.96	353.82	352.88	352.53	354.19	356.20	356.30	356.13	355.90	354.99	356.85	355.15
29	354.93	354.04	352.84	352.55	---	356.22	356.30	356.18	355.96	354.98	356.77	354.98
30	355.00	354.50	352.64	352.55	---	356.27	356.27	356.20	355.96	354.98	356.76	354.97
31	355.36	---	352.54	352.57	---	356.29	---	356.18	---	354.98	356.76	---
MAX	355.36	355.44	355.49	352.68	354.19	356.29	356.30	356.24	356.19	355.93	356.85	356.98
MIN	354.44	352.51	352.54	351.59	352.61	354.22	355.97	355.80	355.90	354.98	354.85	354.97
[+]	60.6	59.0	55.30	55.4	58.4	62.5	62.5	62.3	61.8	59.9	63.4	59.9
[•]	659	-644	-1380	20.5	1250	1540	-15.8	-67.6	-171	-720	1320	-1370

CAL YR 1985 • -8.7 MAX 356.90 MIN 352.35
WTR YR 1986 • 31.7 MAX 356.98 MIN 351.59

[+] CONTENTS, IN BILLIONS OF CUBIC FEET AT END OF MONTH.
[•] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.--Lat 34°00'50", long 81°05'17", Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upsteam from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,520 mi².

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Water-stage recorder and Data Collection Platform. Datum of gage is 149.46 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500).

AVERAGE DISCHARGE.--61 years, 2872 ft³/s, 15.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 67,000 ft³/s, Oct. 2, 1929, gage height, 15.22 ft, from rating curve extended above 36,000 ft³/s on basis of discharge measurements made at Wise Ferry Bridge near Chapin; minimum, 11 ft³/s, Jul. 13, 1930; minimum daily, 12 ft³/s, Jul., 13, 1930, caused by construction work above station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,100 ft³/s, Sept. 26, gage height, 7.75 ft; minimum, 210 ft³/s, gage height 1.50 ft, Jun. 14-16.

REVISIONS.--Revised figures of discharge for the 1985 water year superseding those published in the 1985 annual report, are given below.

EXTREMES FOR 1985 WATER YEAR.--Maximum discharge, 18,400 ft³/s, Feb. 5, gage height, 7.99 ft; minimum, 255 ft³/s; gage height, 1.71 ft, May 31, Jun. 1; minimum daily, 262 ft³/s, Jun. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	519	616	648	457	631	4630	516	516	273	388	1440	848
2	477	479	585	463	1530	1240	498	491	277	408	1520	635
3	725	471	618	709	888	562	494	577	272	305	393	5840
4	470	481	600	4370	8410	1030	490	502	269	266	363	6640
5	466	471	982	1460	9400	635	478	490	268	277	347	3250
6	464	469	4300	602	9700	888	566	465	262	392	291	2050
7	466	459	7240	1630	11100	2240	530	428	356	363	577	6460
8	465	482	6260	4270	9090	1360	526	423	463	310	1660	1700
9	464	450	4200	4030	4750	2120	516	427	398	292	369	5850
10	464	450	2620	2320	1680	2740	517	515	395	341	343	7380
11	464	474	779	837	4260	1080	501	904	398	346	338	4650
12	466	443	853	465	10800	776	497	451	396	268	3980	1030
13	466	4010	948	1960	5140	754	495	431	387	301	2130	1020
14	466	4310	510	2420	2670	700	499	3750	388	301	5100	817
15	468	996	505	1580	2490	662	501	874	391	273	2330	566
16	1010	721	508	3310	4340	664	507	820	433	325	1350	729
17	1420	497	512	2110	4200	1810	508	683	396	312	664	609
18	952	498	509	1280	8170	3980	4830	457	394	282	539	619
19	1890	489	512	774	4530	5300	1460	457	417	288	3200	612
20	1000	4870	514	879	3190	1330	617	457	406	275	972	619
21	640	6430	501	8310	5830	691	606	457	301	275	4960	605
22	640	2680	464	11100	2680	652	5440	481	264	1070	814	603
23	2300	802	461	6240	1220	532	1160	460	263	432	2050	604
24	5200	466	459	1320	553	522	513	391	292	419	3860	601
25	1150	465	459	681	796	514	498	387	295	428	1110	594
26	619	433	458	553	998	508	490	386	275	505	6510	610
27	1290	444	459	554	5390	507	496	382	263	428	7510	756
28	769	1500	457	569	5880	503	489	386	694	418	3340	552
29	6450	4800	457	568	---	503	533	419	785	483	7980	566
30	7560	3430	457	535	---	505	639	515	522	1780	11000	522
31	1330	---	457	591	---	514	---	272	---	2250	4180	---
TOTAL	41530	43586	39292	66947	130316	40452	26410	18654	11193	14801	81220	57937
MEAN	1340	1453	1267	2160	4654	1305	880	602	373	477	2620	1931
MAX	7560	6430	7240	11100	11100	5300	5440	3750	785	2250	11000	7380
MIN	464	433	457	457	553	503	478	272	262	266	291	522

CAL YR 1984	TOTAL	1215158	MEAN	3320	MAX	16200	MIN	433
WTR YR 1985	TOTAL	572337	MEAN	1568	MAX	11100	MIN	262

02169000 SALUDA RIVER NEAR COLUMBIA, SC--continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	487	9880	4800	2800	709	561	686	632	218	576	564	295
2	533	10100	6740	6060	707	556	4120	568	3360	658	348	295
3	4370	5320	6590	3110	707	556	5640	384	878	604	245	303
4	2490	6290	6940	3470	707	808	1170	379	480	262	244	292
5	839	5990	3240	3470	710	1500	640	505	523	221	323	546
6	775	6770	5370	4640	729	556	648	1600	421	218	865	344
7	718	7280	3590	3600	752	546	657	4810	307	400	1040	288
8	650	9380	2000	6100	723	545	661	2240	216	527	856	3250
9	640	5850	2910	4320	715	540	660	415	1720	942	310	524
10	1420	4750	3710	1140	737	943	655	379	483	693	234	2640
11	857	7650	3870	779	817	752	653	376	429	567	312	2890
12	650	9970	4720	889	1470	541	684	385	688	354	712	985
13	649	8040	3810	787	1170	663	653	377	715	1250	244	551
14	2600	7090	3530	1220	853	903	647	241	252	1640	277	253
15	6560	5880	4870	711	735	677	647	222	211	1640	250	248
16	3270	3170	7400	705	645	619	643	230	303	1450	224	2740
17	2030	2100	5970	691	598	595	631	225	423	1420	222	1270
18	1660	5330	5510	675	591	574	402	222	405	3060	555	692
19	637	8070	8070	707	582	786	386	225	472	713	928	350
20	637	7600	6250	678	603	758	383	227	250	979	2750	5000
21	654	10400	3100	653	578	928	391	222	231	1920	1170	1140
22	756	10300	2600	600	575	1000	381	219	224	853	563	3040
23	775	8420	2360	592	571	742	448	218	311	983	370	1630
24	769	5760	2530	1130	570	691	603	215	837	931	345	4690
25	703	8460	3690	652	566	686	389	215	478	1380	401	7050
26	674	7140	10600	697	564	684	379	218	439	426	398	7320
27	670	4660	6060	2220	563	646	379	235	326	235	379	3280
28	664	1130	4060	4080	561	647	693	248	309	395	435	749
29	881	633	2840	1190	---	680	444	284	258	524	367	3800
30	1370	3150	5470	696	---	676	475	776	348	478	297	547
31	4820	---	3630	699	---	681	---	325	---	442	295	---
TOTAL	45208	196563	146830	59761	19808	22040	25848	17817	16515	26741	16543	57002
MEAN	1458	6552	4736	1928	707	711	862	575	551	863	534	1900
MAX	6560	10400	10600	6100	1470	1500	5640	4810	3360	3060	2750	7320
MIN	487	633	2000	592	561	540	379	215	211	218	222	248

CAL YR 1985 TOTAL 836530 MEAN 2292 MAX 11100 MIN 262
WTR YR 1986 TOTAL 650676 MEAN 1783 MAX 10600 MIN 211

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi², approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Flow regulate by Lake Murray (see sta 02168500) on the Saluda River and to some extent, at low and medium flow, by powerplants on Broad River. City of Columbia diverted about 49 ft³/s above station for municipal supply.

AVERAGE DISCHARGE.--47 years, 9,255 ft³/s, 16.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft³/s, Oct. 11, 1976, gage height, 29.74 ft; minimum, 588 ft³/s, Jan. 19, 1942, gage height, 0.94 ft; minimum daily, 662 ft³/s, Oct. 18, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood since at least October 1891, discharge 364,000 ft³/s, Aug. 27, 1908, gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 58,900 ft³/s, Nov. 23, gage height, 18.37 ft; minimum, 616 ft³/s, July 12, gage height 1.32 ft; minimum daily, 967 ft³/s, July 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2170	12100	35900	6780	4710	3820	4330	3690	3890	1830	2090	2800
2	3060	27100	42300	9000	3380	3820	6750	3800	4870	1710	2310	2960
3	9240	33300	35300	7340	3200	3840	9290	3900	3630	1990	1250	3300
4	11000	34800	16400	8490	4730	4050	5660	1560	2860	1380	1350	5280
5	10800	24200	14100	6170	4990	4600	4540	1680	2890	1260	1470	10500
6	6650	24700	10800	6600	4650	3860	3400	3150	2680	1270	2100	10700
7	5120	19000	9300	6500	4680	3830	2970	7120	2890	1710	2290	9310
8	2390	17000	7560	9900	4700	3860	4600	5550	2440	3190	4740	8620
9	2380	13200	8280	8420	4870	3900	4680	2790	2730	1950	1810	5580
10	3340	9540	9030	3670	5450	4060	4390	1500	2030	1810	1280	5500
11	5530	8670	9190	2500	6010	4280	3880	1530	3970	1640	1640	6680
12	4670	12800	9740	4790	5140	2090	3950	2130	5070	967	2820	2580
13	2370	11900	9330	5610	4550	2740	3980	3380	2580	2100	2690	2920
14	3780	12400	6360	4600	5030	10600	3990	3590	3060	2490	4690	1370
15	9020	11200	8300	2140	4960	8290	3940	2700	2940	2610	5210	2050
16	6220	9420	11600	4780	4660	6920	3710	1860	2240	2290	7140	6570
17	4760	6740	10200	4020	4950	6750	3780	4150	3900	2270	4410	5090
18	4150	8550	9500	2170	4700	6430	3830	3850	3330	3730	5970	3020
19	3280	11100	11500	4530	5080	9050	3590	3220	1510	2380	23300	1230
20	3560	12200	10600	6750	4410	11400	3400	3900	1400	1930	39800	5930
21	3290	16200	8410	6650	4670	11400	2290	3720	1370	3070	44400	3940
22	4380	33900	6880	6290	4520	12100	2520	3490	1360	1640	16700	4120
23	6270	52500	6240	6210	3870	7400	3640	3400	1820	2000	6510	3250
24	4910	43900	6400	6540	3230	4170	3760	2900	1990	1780	18200	5980
25	4250	26400	7330	6280	5060	6860	3380	2400	1640	2500	11900	8270
26	5740	19200	12600	6370	5130	5580	3450	2410	1750	1590	7010	7620
27	3900	12900	9150	4430	3830	3960	3960	2670	2270	1240	3690	5540
28	2550	8780	7830	6450	3840	4460	2310	3680	1480	1380	4150	2420
29	3790	6750	6190	4820	---	5840	3770	4660	1400	2310	3700	4490
30	3410	16300	6750	6370	---	4980	2690	6260	1480	2080	3010	2390
31	7430	---	7160	4740	---	4140	---	4710	---	1960	2270	---
TOTAL	153410	556750	370230	179910	129000	179080	120430	105350	77470	62057	239900	150010
MEAN	4949	18560	11940	5804	4607	5777	4014	3398	2582	2002	7739	5000
MAX	11000	52500	42300	9900	6010	12100	9290	7120	5070	3730	44400	10700
MIN	2170	6740	6190	2140	3200	2090	2290	1500	1360	967	1250	1230

CAL YR 1985 TOTAL 2805586 MEAN 7687 MAX 52500 MIN 696
WTR YR 1986 TOTAL 2323597 MEAN 6366 MAX 52500 MIN 967

02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22", long 80°58'28", Richland County, Hydrologic Unit 03050110, on upstream side of bridge on U.S. Highways 378 and 76 (Devine Street) at Columbia, 0.75 mi downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 mi².

PERIOD OF RECORD.--Water year 1964-66 (annual maximum), September 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 137.38 ft above National Geodetic Vertical Datum of 1929. Apr. 1, 1964 to Aug. 6, 1966, crest-stage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--20 years, 74.6 ft³/s, 17.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,410 ft³/s, Aug. 12, 1986, gage height, 9.33 ft; minimum daily, 1.6 ft³/s, Aug. 1, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Oct. 4	0800	711	5.75	Aug. 12	0700	*2410	*9.33
Nov. 22	1300	779	5.96	Aug. 18	1400	702	5.72
Jul. 27	2300	730	5.81	Aug. 20	1200	2330	9.21

Minimum daily, 3.6 ft³/s, May 24, 25, and 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	159	181	34	32	20	6.7	9.6	4.9	13	22	74
2	6.8	153	158	34	30	20	6.4	9.0	4.7	9.9	22	65
3	21	95	117	33	29	18	6.3	8.3	21	8.5	16	70
4	439	76	87	33	29	18	6.4	6.6	7.3	5.9	12	58
5	269	57	71	35	33	18	9.4	6.2	5.9	4.9	9.7	48
6	118	43	63	38	48	17	14	6.1	5.2	4.5	11	29
7	73	33	59	39	44	17	18	6.0	4.6	4.3	22	48
8	89	28	53	42	38	16	21	6.7	4.2	4.2	13	73
9	80	24	49	43	33	15	22	7.3	4.9	4.0	23	73
10	46	24	46	41	52	23	18	5.9	4.6	3.9	192	64
11	14	22	44	37	109	25	17	5.4	5.0	4.0	104	58
12	8.9	26	47	34	82	139	17	5.1	4.6	3.9	1630	50
13	8.0	49	69	33	65	155	17	7.5	4.2	3.9	671	39
14	6.8	38	65	31	52	206	16	6.5	3.9	12	330	28
15	5.9	35	59	36	49	234	15	5.1	5.2	5.5	189	26
16	5.4	36	52	60	36	214	16	4.9	4.6	5.4	102	33
17	5.1	35	56	69	31	153	15	4.9	4.5	7.4	62	18
18	4.8	30	63	69	29	79	14	4.7	4.2	5.8	317	13
19	4.2	28	61	84	27	118	13	4.7	3.8	5.1	369	10
20	4.1	143	64	72	27	166	12	4.8	3.8	4.2	1730	10
21	13	231	25	63	26	197	12	4.6	3.8	6.2	815	10
22	263	570	16	54	25	158	12	4.2	3.7	195	402	9.9
23	61	471	15	40	24	109	11	3.8	3.8	70	305	9.9
24	54	226	14	39	22	81	11	3.6	3.8	33	215	9.8
25	39	135	14	41	21	65	11	3.6	3.8	48	130	9.8
26	29	129	15	70	20	32	10	3.6	32	128	52	9.8
27	23	104	23	65	20	11	10	6.0	85	169	16	9.8
28	20	87	30	56	20	8.9	10	6.1	81	406	25	9.8
29	19	110	35	47	---	7.7	11	13	39	134	63	9.8
30	17	179	34	42	---	7.6	10	8.1	22	57	114	9.8
31	55	---	33	36	---	7.4	---	6.0	---	31	96	---
TOTAL	1807.0	3376	1718	1450	1053	2355.6	388.2	187.9	389.0	1397.5	8079.7	985.4
MEAN	58.3	113	55.4	46.8	37.6	76.0	12.9	6.06	13.0	45.1	261	32.8
MAX	439	570	181	84	109	234	22	13	85	406	1730	74
MIN	4.1	22	14	31	20	7.4	6.3	3.6	3.7	3.9	9.7	9.8

CAL YR 1985	TOTAL	20279.3	MEAN	55.6	MAX	697	MIN 4.1
WTR YR 1986	TOTAL	23187.3	MEAN	63.5	MAX	1730	MIN 3.6

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC

LOCATION.--Lat 33°48'38'', long 80°52'02'', Richland County, Hydrologic Unit 03050110, on left bank at the southeast boundary of the Congaree Swamp National Monument, and at mile 152.9.

DRAINAGE AREA.--8,290 mi^2, approximately.

PERIOD OF RECORD.--April 1981 to September 1986 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 90.84 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, Apr. 21 to Jun. 4, which are poor. Flow regulated by Lake Murray (see sta 02168500) on the Saluda River, and to some extent, at low and medium flow, by powerplants on the Broad River. Above about 25,000 ft^3/s, bankfull capacity is exceeded, and flow spills into the flood plain. Therefore, daily mean discharge records above 25,000 ft^3/s are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jan. 6, gage height, 18.15 ft; minimum daily, 1200 ft^3/s, Sept. 21 and Oct. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 42,200 ft^3/s, Nov. 24, gage height, 17.63 ft; minimum daily, 1260 ft^3/s, Jul. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1950	8410	25100	7170	4980	3780	4170	5420	4460	1560	1810	2580
2	1850	19100	32400	8440	4380	3720	4430	4970	3010	1680	2230	3460
3	4260	28500	34800	8190	3400	3740	8170	6110	5470	1700	1850	3230
4	10100	31400	28600	8430	3810	3800	8860	4460	3150	1800	1340	4160
5	13700	30500	22000	8160	5020	4200	5180	2970	2740	1330	1410	8660
6	7830	27500	18500	7000	4910	4300	4290	3240	2660	1290	1520	10800
7	6690	24900	15100	6440	4810	3740	3100	5600	2560	1280	2150	11000
8	3570	21100	11500	9030	4820	3690	3370	9260	2610	2470	3950	8100
9	2330	19500	10200	9130	4870	3710	4870	6510	1880	2170	2950	8460
10	2210	13900	10500	6710	5090	3760	4650	3400	2900	1990	1590	5560
11	4390	9840	10900	3370	6350	4310	4140	2650	2390	1670	1580	6450
12	5010	11700	11000	3250	5890	3260	3860	2600	4940	1440	2830	6400
13	3100	14000	12400	5770	5540	2040	3900	3600	3320	1260	3640	2950
14	2130	14300	10000	5970	4910	5960	3910	4660	2960	1980	4390	2330
15	5400	13100	7920	3570	5370	12200	3890	4510	2970	2410	5540	1660
16	8150	12000	9000	3020	4970	7740	3830	2850	1980	2390	6690	3540
17	5550	9350	12500	5500	4930	7490	3470	3790	3120	2250	6490	6870
18	4330	7350	10500	3070	4930	7100	3930	4930	3600	2380	3280	4870
19	3310	9890	10000	3150	4880	6980	3690	3830	2210	3730	14600	2160
20	3000	12400	12600	5770	5260	12900	3510	4620	1510	2000	26100	2190
21	2910	16100	10200	7060	4320	11600	3220	4530	1390	2350	30900	6640
22	3490	22100	8610	6700	4760	13000	3150	4160	1330	2370	29400	3060
23	5580	34400	7110	6450	4580	10300	4540	3890	1410	1810	16200	4560
24	6250	40500	6590	6480	3130	6690	5020	3790	1640	1910	17400	3720
25	4160	34900	6970	6740	4130	6030	4930	2770	1820	1930	18100	7170
26	4730	28300	9730	6580	5510	7020	4630	2650	1580	2450	12100	7830
27	5040	21500	11300	5610	4290	5020	5790	2660	1910	1530	6040	8280
28	2790	15600	9280	4970	3800	4240	5470	3240	1930	1420	4990	5290
29	2730	9860	7950	6060	---	5350	5260	4090	1490	1930	4950	2330
30	3110	12100	6240	5680	---	5620	4830	5550	1390	2260	3540	4750
31	4490	---	8070	5890	---	4830	---	6240	---	2050	3540	---
TOTAL	144140	574100	407570	188360	133640	188120	136060	133550	76330	60790	243100	159060
MEAN	4650	19140	13150	6076	4773	6068	4535	4308	2544	1961	7842	5302
MAX	13700	40500	34800	9130	6350	13000	8860	9260	5470	3730	30900	11000
MIN	1850	7350	6240	3020	3130	2040	3100	2600	1330	1260	1340	1660

CAL YR 1985	TOTAL	2930490	MEAN	8029	MAX	40500	MIN	1520
WTR YR 1986	TOTAL	2444820	MEAN	6698	MAX	40500	MIN	1260

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, SC

LOCATION.--Lat 33°44'12'', long 80°57'30'', Calhoun County, Hydrologic Unit 03050110, on right downstream wingwall of culvert on U.S. Highway 21, 0.1 mi downstream from Rock Branch, 11.6 mi northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 mi².

PERIOD OF RECORD.--July 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 164.21 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--20 years, 13.6 ft³/s, 18.47 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft³/s, July 29, 1971, from rating extended above 210 ft³/s, gage height 6.66 ft; minimum, 4.5 ft³/s, May 25, 26, July 15, 1981, July 19, 20, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 22	1630	*98	*3.57

Minimum, 4.5 ft³/s, Jul. 19, 20, gage height, 0.42, Jul. 20.
Minimum daily, 4.6 ft³/s July 20.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.7	24	19	12	11	10	11	7.5	6.6	5.7	5.0	7.7
2	7.1	12	17	12	11	10	10	7.4	6.6	5.7	5.1	7.1
3	7.1	11	15	12	11	9.9	10	7.3	6.6	5.8	5.3	7.3
4	16	16	14	12	11	9.9	10	7.2	6.6	5.5	5.4	7.5
5	9.4	11	14	12	11	9.9	10	7.2	6.6	5.5	5.3	7.6
6	7.6	9.5	14	11	11	9.9	10	7.2	6.3	5.4	5.2	7.5
7	7.1	8.8	13	11	11	9.7	9.9	7.2	6.3	5.4	5.3	7.2
8	6.9	8.5	13	11	11	9.5	10	7.2	6.1	5.3	5.1	7.0
9	6.9	8.4	13	11	10	9.5	10	7.3	6.0	5.4	5.1	7.0
10	7.7	8.5	13	11	15	9.5	9.7	7.1	6.0	5.4	5.7	7.1
11	7.9	8.5	13	12	26	9.5	9.4	7.1	6.0	5.3	5.3	7.0
12	7.9	11	14	11	14	9.5	9.4	7.1	5.9	5.2	7.5	7.0
13	8.2	19	20	11	12	11	9.3	8.1	5.7	5.0	7.3	6.9
14	7.7	12	16	11	12	37	9.3	9.5	5.6	5.0	8.0	6.7
15	7.6	10	14	11	12	19	9.1	8.3	10	5.0	7.3	6.7
16	8.9	10	13	11	11	14	9.0	7.5	10	4.8	6.2	6.8
17	8.5	9.9	13	11	11	12	8.9	7.3	7.9	4.7	5.8	6.8
18	8.1	9.7	13	11	11	12	8.9	7.0	6.8	4.7	5.6	6.7
19	8.0	9.7	13	11	11	16	8.8	6.9	6.4	4.7	13	6.7
20	7.7	16	13	11	11	18	8.8	6.9	6.2	4.6	15	6.7
21	7.6	17	12	11	11	14	9.1	6.7	6.0	5.0	9.8	6.7
22	8.7	63	12	11	11	13	8.8	6.5	5.8	5.1	7.9	6.6
23	9.5	36	12	11	11	12	8.5	6.5	5.8	5.1	7.0	6.7
24	8.7	21	12	10	10	12	8.4	6.4	5.7	5.0	6.8	6.7
25	8.4	19	12	12	10	11	8.4	6.2	5.7	5.2	6.6	6.6
26	7.9	17	12	15	10	11	8.3	6.2	6.2	5.4	6.5	6.6
27	7.8	16	12	12	10	11	8.2	6.4	8.1	5.2	6.4	6.6
28	7.9	16	12	11	10	11	7.9	6.9	7.4	5.2	6.6	6.5
29	7.8	17	12	11	---	11	7.8	8.7	6.2	5.1	6.9	6.6
30	7.9	22	12	11	---	11	7.6	7.3	5.8	5.3	7.2	7.1
31	19	---	12	11	---	11	---	6.8	---	5.1	8.4	---
TOTAL	264.2	477.5	419	352	327	383.8	274.5	222.9	196.9	160.8	213.6	207.7
MEAN	8.52	15.9	13.5	11.4	11.7	12.4	9.15	7.19	6.56	5.19	6.89	6.92
MAX	19	63	20	15	26	37	11	9.5	10	5.8	15	7.7
MIN	6.7	8.4	12	10	10	9.5	7.6	6.2	5.6	4.6	5.0	6.5

CAL YR 1985	TOTAL	3984.8	MEAN	10.9	MAX	63	MIN	6.4
WTR YR 1986	TOTAL	3499.9	MEAN	9.59	MAX	63	MIN	4.6

02169670 CEDAR CREEK BELOW MYERS CREEK NEAR HOPKINS, SC

LOCATION.--Lat 33°50'23", long 80°51'38", Richland County, Hydrologic Unit 03050110, 4.5 miles south of Hopkins and on left bank 150 ft below Myers Creek.

DRAINAGE AREA.--66.9 mi², approximately.

PERIOD OF RECORD.--November 1980 to May 1986 (discontinued).

GAGE.--Water-stage recorders. Datum of gage is 100.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--This station is located in the Congaree River flood plain. When extremely high flow conditions exist on the Congaree River, flow at this station is effected by backwater.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, undetermined; minimum daily, 4.2 ft³/s, Aug. 30, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 286 ft³/s, Nov. 25, gage height, 5.63 ft; minimum daily, 23 ft³/s, May 4-6, 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	70	153	53	51	44	51	26				
2	26	86	184	53	49	43	50	26				
3	24	84	164	53	48	43	49	24				
4	42	90	148	52	47	43	48	23				
5	46	106	121	51	46	42	48	23				
6	45	112	103	49	49	41	46	23				
7	40	96	93	48	52	41	44	24				
8	36	75	86	46	52	40	45	23				
9	33	58	80	45	50	39	47	25				
10	31	54	74	45	54	40	44	24				
11	31	52	70	47	94	40	42	24				
12	31	48	70	47	121	41	40	24				
13	34	53	86	46	103	44	39	24				
14	34	55	99	46	78	102	38	---				
15	31	57	99	45	67	165	36	---				
16	31	55	82	45	60	153	35	---				
17	33	52	74	45	56	113	34	---				
18	31	49	69	46	53	85	33	---				
19	31	46	66	47	52	79	33	---				
20	31	50	61	49	51	135	32	---				
21	29	102	57	50	50	168	34	---				
22	52	164	58	49	49	140	36	---				
23	74	262	52	47	48	111	34	---				
24	93	258	53	46	47	90	33	---				
25	83	268	54	46	46	78	32	---				
26	57	202	54	56	45	69	31	---				
27	47	135	52	65	45	64	27	---				
28	42	118	52	62	45	61	27	---				
29	39	107	53	56	---	57	27	---				
30	37	107	53	56	---	53	26	---				
31	40	---	53	54	---	52	---	---				
TOTAL	1262	3071	2573	1545	1608	2316	1141	---				
MEAN	40.7	102	83.0	49.8	57.4	74.7	38.0	---				
MAX	93	268	184	65	121	168	51	---				
MIN	24	46	52	45	45	39	26	---				

CAL YR 1985 TOTAL 20090.3 MEAN 55.0 MAX 268 MIN 5.2

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

LOCATION.--Lat 33°48'58'', long 80°49'39'', Richland County, Hydrologic Unit 03050110, 4.1 miles southwest of Gadsden and on left bank at Cedar Creek Hunt Club, 500 ft north of Wise Lake in the Congaree Swamp National Monument.

DRAINAGE AREA.--69.9 mi², approximately.

PERIOD OF RECORD.--November 1980 to November 1983, June 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is 93.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--This station is located in the Congaree River flood plain. When flood conditions exist on the Congaree River (discharge greater than about 25,000 ft³/s at 02169625) varying degrees of backwater effect flow at this site, therefore, the daily mean discharge is not shown for Nov. 3-11, Nov. 20 to Dec. 8, Aug. 20-28. Records fair, except for estimated daily discharges; Feb. 12, 13, 19 March 14-26, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, undetermined; minimum daily, undetermined.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge, undetermined, maximum gage height, 8.74 ft, Nov. 24; minimum daily, undetermined.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	104	---	47	50	48	52	27	23	25	15	43
2	24	134	---	47	46	48	52	27	22	25	15	37
3	23	---	---	46	44	46	51	26	23	23	17	34
4	28	---	---	45	42	46	50	25	22	22	17	39
5	30	---	---	45	40	45	49	24	22	19	16	37
6	30	---	---	44	42	45	48	25	22	18	15	36
7	29	---	---	43	48	44	47	25	21	18	15	32
8	27	---	---	40	50	43	45	25	20	17	15	28
9	27	---	134	38	47	42	48	26	21	15	14	25
10	26	---	98	37	52	42	46	25	34	12	16	24
11	26	---	90	38	130	42	44	25	35	11	14	23
12	26	86	86	39	183	42	42	25	35	11	16	22
13	27	104	110	39	196	44	40	25	30	11	21	22
14	27	93	127	38	141	50	40	27	25	11	23	21
15	26	87	143	37	94	62	39	29	22	12	24	20
16	26	83	122	37	72	110	37	31	25	12	24	19
17	26	72	91	37	63	100	35	30	36	16	23	18
18	26	64	85	37	53	77	34	28	32	18	22	17
19	26	56	80	40	66	71	34	27	26	17	21	17
20	26	---	72	43	59	69	33	28	22	16	---	17
21	26	---	66	45	56	82	34	27	19	15	---	17
22	34	---	63	44	54	120	36	26	19	14	---	17
23	50	---	60	42	53	110	35	24	26	14	---	16
24	79	---	57	39	52	88	34	23	26	13	---	16
25	84	---	57	39	51	76	33	23	21	13	---	16
26	54	---	56	52	49	68	32	22	19	15	---	16
27	41	---	51	65	48	64	30	23	19	15	---	15
28	34	---	47	69	48	61	28	26	27	16	---	15
29	33	---	49	64	---	58	28	25	30	16	38	15
30	35	---	49	60	---	56	28	24	28	17	32	15
31	46	---	49	55	---	54	---	24	---	16	42	---
TOTAL	1047	---	---	1391	1929	1953	1184	797	752	493	---	689
MEAN	33.8	---	---	44.9	68.9	63.0	39.5	25.7	25.1	15.9	---	23.0
MAX	84	---	---	69	196	120	52	31	36	25	---	43
MIN	23	---	---	37	40	42	28	22	19	11	---	15

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1985 to May 1986 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1985 to May 1986.
pH: June 1984 to May 1986.
WATER TEMPERATURE: June 1985 to May 1986.
DISSOLVED OXYGEN: June 1985 to May 1986.

INSTRUMENTATION.--Water-quality monitor since June 1985.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens, Aug. 3, 1985; minimum, 9 microsiemens, Mar. 23, 24, 1986.
pH: Maximum, 6.5 units, Mar. 14, 1986; minimum 4.8 units, Sept. 19, 20, Oct 16-18, 25, 1985.
WATER TEMPERATURE: Maximum, 28.0°C, Jul. 13, 21, 22, 1985; minimum, 1.0°C, Jan. 28, 29, 1986.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 28, 1986; minimum, 2.8 mg/L, Jul. 22, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 153 microsiemens, Nov. 23; minimum, 9 microsiemens, Mar. 23, 24.
pH: Maximum, 6.5 units, Mar. 14; minimum 4.8 units, Oct. 16-18, 25.
WATER TEMPERATURE: Maximum, 27.0°C, May 30, 31, minimum, 1.0°C, Jan. 28, 29.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 28, minimum, 3.0 mg/L, Nov. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22	20	21	29	25	28	59	50	55	29	27	28
2	22	20	21	32	28	30	53	49	51	31	28	30
3	22	21	22	38	28	30	51	33	40	31	29	30
4	25	21	23	65	44	61	43	38	40	31	29	30
5	26	25	26	62	50	55	49	43	46	31	29	30
6	26	25	26	50	47	48	53	49	52	30	27	28
7	28	26	27	49	47	48	56	52	54	28	26	27
8	28	25	26	49	47	48	59	54	57	26	24	26
9	26	24	25	49	48	49	55	46	51	25	23	24
10	25	23	24	48	46	47	44	36	39	41	21	27
11	24	23	24	47	43	45	43	39	41	41	23	27
12	24	23	24	44	42	43	44	42	43	22	17	20
13	24	23	24	49	43	45	48	44	46	18	16	17
14	24	23	24	56	48	53	48	46	47	21	18	19
15	24	23	24	64	57	61	48	45	47	27	22	25
16	25	23	24	71	63	67	49	47	48	29	22	25
17	25	24	24	83	72	77	51	48	49	22	18	20
18	27	24	25	95	84	89	48	46	47	21	19	20
19	29	25	27	108	96	102	47	44	45	26	21	23
20	38	27	31	116	108	112	45	42	44	30	25	28
21	38	23	26	127	117	122	43	41	42	31	29	30
22	28	23	25	151	126	141	42	39	40	32	24	28
23	28	27	28	153	150	151	40	37	38	26	24	25
24	30	28	29	152	31	96	37	35	36	26	25	26
25	31	30	30	33	21	25	35	33	34	25	24	25
26	30	29	30	26	21	23	35	32	34	27	25	26
27	29	28	28	31	25	28	35	29	32	27	26	27
28	29	27	28	40	32	35	30	28	29	27	26	27
29	32	26	28	56	41	49	29	27	28	27	26	27
30	35	29	31	59	54	58	29	28	28	27	26	27
31	33	25	27	---	---	---	29	28	29	27	25	26
MONTH	38	20	26	153	21	62	59	27	42	41	16	26

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	27	26	26	---	---	---	29	27	28	28	26	27
2	27	25	26	---	---	---	28	26	27	27	25	26
3	26	25	26	24	24	24	28	26	27	26	24	25
4	26	25	26	25	24	25	28	26	27	25	22	23
5	27	25	26	24	22	24	28	27	28	24	21	23
6	27	25	26	24	22	23	28	27	28	26	24	25
7	28	26	26	23	21	22	29	28	28	29	25	27
8	28	26	27	23	22	22	29	28	29	28	24	26
9	27	26	26	23	21	22	30	28	29	35	25	29
10	27	25	26	26	23	24	31	29	30	29	21	24
11	33	27	32	31	26	28	30	28	29	31	25	27
12	32	30	31	35	31	33	29	28	29	31	25	27
13	31	29	30	45	34	39	29	28	28	38	29	34
14	30	29	30	57	45	48	29	28	28	48	39	44
15	30	29	30	94	58	74	29	28	28	49	33	40
16	30	28	29	79	16	34	29	28	28	41	34	37
17	29	28	28	18	16	17	29	27	28	40	29	36
18	28	27	28	21	17	20	28	27	27	39	33	36
19	29	27	28	29	21	25	28	27	27	32	25	27
20	28	26	27	37	29	33	28	27	27	28	24	25
21	27	26	27	45	12	27	28	27	28	31	25	28
22	27	26	27	12	11	11	29	27	28	32	27	29
23	27	26	26	12	9	10	28	26	27	53	33	42
24	27	25	26	12	9	10	28	26	27	87	54	66
25	26	25	26	16	12	13	30	27	29	95	32	64
26	26	25	26	20	15	18	31	29	30	50	33	39
27	---	---	---	27	19	22	38	30	33	51	26	34
28	---	---	---	30	27	28	39	28	33	27	26	26
29	---	---	---	29	27	28	37	28	30	27	26	27
30	---	---	---	29	27	27	42	27	29	28	25	26
31	---	---	---	29	27	28	---	---	---	27	25	26
MONTH	33	25	27	94	9	26	42	26	28	95	21	32
YEAR	153	9	34									

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	5.0	4.9	5.1	5.0	5.6	5.5	---	---	5.8	5.7	---	---
2	5.2	5.0	5.0	5.0	6.2	5.6	---	---	5.9	5.7	---	---
3	5.2	5.1	5.3	5.0	6.3	6.2	---	---	5.9	5.8	6.4	6.3
4	5.1	5.0	5.8	5.3	6.3	6.3	---	---	5.9	5.8	6.3	6.2
5	5.0	5.0	5.9	5.8	6.3	6.1	---	---	5.9	5.8	6.4	6.2
6	5.1	5.0	5.9	5.8	6.1	5.9	---	---	5.9	5.7	6.4	6.2
7	5.1	5.0	5.9	5.7	6.0	5.5	---	---	5.9	5.7	6.4	6.2
8	5.0	5.0	5.8	5.7	---	---	---	---	6.0	5.8	6.4	6.1
9	5.0	5.0	5.7	5.6	---	---	---	---	5.9	5.9	6.4	6.2
10	5.0	5.0	5.6	5.4	---	---	---	---	5.9	5.8	6.4	6.2
11	5.0	5.0	5.4	5.3	---	---	---	---	6.0	5.8	6.4	6.2
12	5.0	4.9	5.3	5.1	---	---	---	---	5.9	5.8	6.4	6.2
13	5.0	4.9	5.2	5.1	---	---	---	---	5.8	5.8	6.4	6.2
14	4.9	4.9	5.1	5.1	---	---	---	---	5.9	5.8	6.5	6.2
15	4.9	4.9	5.2	5.1	---	---	---	---	5.9	5.9	6.3	6.2
16	4.9	4.8	5.2	5.2	---	---	5.6	5.5	5.9	5.8	6.2	6.1
17	4.9	4.8	5.2	5.2	---	---	5.6	5.6	6.0	5.8	6.2	6.1
18	5.0	4.8	5.3	5.2	---	---	5.6	5.6	6.0	5.9	6.2	6.1
19	5.1	5.0	5.2	5.2	---	---	5.7	5.6	6.0	5.8	6.2	6.1
20	5.1	5.1	5.3	5.2	---	---	5.7	5.6	5.9	5.9	6.2	6.1
21	5.1	5.1	5.3	5.3	---	---	5.7	5.6	6.0	5.9	6.1	6.1
22	5.1	5.0	5.4	5.2	---	---	5.8	5.6	6.0	5.9	6.1	6.0
23	5.0	4.9	5.9	5.3	---	---	5.8	5.7	6.0	5.8	6.2	6.1
24	5.0	4.9	6.0	5.9	---	---	5.8	5.7	6.0	5.9	6.2	6.1
25	4.9	4.8	5.9	5.9	---	---	5.8	5.7	6.1	5.8	6.2	6.1
26	5.0	4.9	6.0	5.9	---	---	5.7	5.6	6.0	5.9	6.2	6.1
27	5.0	5.0	6.0	6.0	---	---	5.6	5.6	---	---	6.2	6.1
28	5.1	5.0	6.0	5.9	---	---	5.6	5.5	---	---	6.2	5.2
29	5.1	5.0	5.9	5.7	---	---	5.7	5.5	---	---	6.1	5.5
30	5.2	5.1	5.8	5.5	---	---	5.7	5.7	---	---	6.1	5.5
31	5.3	5.1	---	---	---	---	5.8	5.7	---	---	6.1	5.5
MONTH	5.3	4.8	6.0	5.0	6.3	5.5	5.8	5.5	6.1	5.7	6.5	5.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.1	5.6	6.1	5.6								
2	6.2	5.6	5.9	5.7								
3	6.1	5.6	5.8	5.7								
4	6.1	5.6	5.9	5.7								
5	6.1	5.7	5.9	5.7								
6	6.1	5.8	5.8	5.7								
7	6.1	5.7	5.9	5.7								
8	6.1	5.7	5.9	5.8								
9	6.1	5.7	5.9	5.8								
10	6.1	5.7	6.0	5.7								
11	6.1	5.9	6.0	5.8								
12	6.1	5.9	6.0	5.9								
13	6.1	5.8	6.0	5.9								
14	6.1	5.9	6.0	5.9								
15	6.1	5.8	6.0	5.9								
16	6.1	5.9	6.1	5.9								
17	6.1	5.9	6.1	6.0								
18	6.1	5.9	6.2	6.0								
19	6.1	5.9	6.1	5.8								
20	6.1	6.0	6.0	5.9								
21	6.1	6.1	6.1	5.9								
22	6.1	6.1	6.1	6.0								
23	6.1	6.1	6.1	6.0								
24	6.2	6.6	6.1	6.0								
25	6.2	6.5	6.1	6.0								
26	6.1	6.4	6.1	6.0								
27	6.1	6.3	6.1	6.0								
28	6.1	6.2	6.1	5.9								
29	6.0	6.1	6.2	6.0								
30	6.0	6.0	6.2	6.1								
31	---	---	6.2	6.0								
MONTH	6.2	5.6	6.2	5.6								
YEAR	6.5	4.8										

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.0	20.0	20.5	18.5	17.0	17.5	17.0	15.5	16.0	7.0	5.0	6.0
2	22.0	21.0	21.5	18.5	18.0	18.0	15.0	14.0	15.0	6.5	5.5	6.0
3	22.5	21.5	22.0	18.5	18.0	18.0	13.5	11.5	12.0	8.0	6.5	7.5
4	22.5	22.0	22.5	18.5	16.5	17.5	12.0	11.0	11.0	8.0	7.5	8.0
5	23.0	22.0	23.0	16.0	14.5	15.0	11.0	9.5	10.0	8.0	7.0	8.0
6	22.0	18.5	20.0	14.5	14.0	14.5	9.5	8.5	9.0	7.0	5.5	6.0
7	18.5	17.5	17.5	15.0	14.5	14.5	8.5	7.0	7.5	6.5	6.0	6.0
8	18.5	17.0	17.5	15.0	13.5	14.5	7.5	6.5	7.0	6.0	4.0	5.0
9	20.0	18.5	19.0	13.5	12.5	12.5	8.0	7.0	7.5	4.0	2.5	3.0
10	20.5	19.5	20.0	14.0	12.5	13.5	8.5	7.5	8.0	5.0	3.5	4.0
11	21.5	20.5	21.0	15.5	14.0	14.5	10.5	8.5	9.5	5.5	5.0	5.0
12	21.5	21.0	21.5	16.0	15.5	16.0	12.0	10.5	11.5	5.5	4.5	5.0
13	21.5	20.5	21.0	17.5	16.0	17.0	14.0	12.5	13.5	5.5	5.0	5.5
14	21.5	21.0	21.0	17.5	17.0	17.5	14.0	9.5	12.0	5.5	4.0	4.5
15	22.5	21.5	22.0	18.0	17.5	17.5	9.5	7.0	7.5	5.0	4.0	4.5
16	22.5	22.5	22.5	18.5	18.0	18.0	6.5	5.5	6.0	6.0	4.0	4.5
17	22.0	21.5	22.0	18.5	18.0	18.0	6.5	5.5	6.0	8.0	6.0	7.0
18	22.0	21.5	21.5	18.5	18.0	18.0	7.0	6.5	6.5	9.5	8.0	9.0
19	21.5	21.0	21.5	19.0	18.0	18.5	7.0	5.5	6.0	10.5	9.5	10.0
20	22.0	21.5	22.0	19.5	19.0	19.0	5.5	4.5	4.5	10.0	8.0	9.0
21	22.0	21.5	22.0	20.0	19.5	19.5	4.5	4.0	4.0	8.0	7.0	7.5
22	21.5	18.5	19.5	19.5	15.0	17.0	3.5	3.0	3.5	9.5	7.5	8.5
23	19.0	18.5	18.5	15.5	14.0	15.0	5.5	3.5	4.5	9.5	9.0	9.5
24	19.5	18.5	19.0	15.5	15.0	15.0	7.5	6.0	6.5	9.0	7.0	8.0
25	19.5	19.0	19.0	15.0	14.5	15.0	7.5	5.0	6.5	7.0	6.5	7.0
26	19.5	18.5	19.0	15.5	14.5	15.0	5.0	2.5	3.0	7.0	7.0	7.0
27	18.5	18.0	18.5	16.5	15.5	16.0	3.5	2.0	2.5	6.5	3.0	5.0
28	19.5	18.5	19.0	17.0	16.5	16.5	5.0	3.5	4.0	3.0	1.0	1.5
29	19.0	17.0	18.0	18.0	17.5	17.5	6.0	5.0	5.5	3.0	1.0	2.0
30	17.0	16.0	16.0	18.5	17.0	18.0	5.5	4.5	5.0	3.5	2.5	3.0
31	17.0	16.0	16.5	---	---	---	5.0	3.5	4.0	4.5	3.0	3.5
MONTH	23.0	16.0	20.0	20.0	12.5	16.5	17.0	2.0	7.5	10.5	1.0	6.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.5	4.0	4.5	---	---	---	20.0	18.0	19.0	23.5	20.5	22.5
2	8.5	5.5	7.0	---	---	---	20.0	18.5	19.5	23.5	22.0	23.0
3	10.0	8.0	9.0	11.0	10.5	11.0	20.5	19.0	19.5	22.5	20.5	21.5
4	11.5	9.5	10.5	11.0	9.5	10.5	21.0	20.0	20.5	20.5	18.0	19.5
5	12.0	11.5	11.5	11.0	9.5	10.5	21.5	19.5	20.5	21.5	18.5	20.0
6	12.5	12.0	12.5	11.5	9.5	10.5	22.0	20.5	21.0	23.0	20.5	22.0
7	13.0	12.5	12.5	12.0	9.5	10.5	22.0	20.5	21.5	24.5	21.5	23.0
8	13.0	11.5	12.0	11.5	9.5	10.0	21.5	20.5	20.5	24.0	22.5	23.5
9	11.0	10.5	11.0	12.0	9.0	10.5	20.5	18.0	19.5	24.0	22.5	23.5
10	11.0	11.0	11.0	14.5	12.0	13.0	18.0	16.0	17.0	23.0	21.0	22.0
11	11.0	10.5	11.0	17.0	14.5	15.5	17.5	15.0	16.5	22.0	19.0	20.5
12	10.5	9.0	9.5	17.0	16.0	16.5	17.5	15.5	16.5	22.5	21.5	22.0
13	9.0	6.5	7.5	19.0	16.5	18.0	18.5	16.0	17.5	22.5	21.5	22.0
14	7.0	5.0	6.0	18.5	16.5	17.5	19.0	17.0	18.0	22.5	21.5	22.0
15	9.0	7.5	8.0	17.0	15.0	16.0	19.5	18.5	19.0	23.5	21.0	22.5
16	9.0	7.5	8.0	17.0	15.0	16.0	19.0	17.0	18.0	23.5	22.0	23.0
17	12.0	9.0	10.5	17.5	14.0	15.5	17.0	15.0	16.0	24.0	22.5	23.5
18	13.5	12.0	12.5	18.0	15.5	17.0	17.5	14.5	16.0	25.0	23.0	24.0
19	13.5	12.5	13.0	18.0	17.5	18.0	18.5	16.0	17.0	24.5	23.5	24.0
20	15.0	13.0	14.0	17.5	15.0	16.0	19.0	17.0	18.0	24.5	22.5	23.5
21	16.0	14.5	15.5	14.5	12.0	13.0	20.5	18.5	19.5	24.0	22.5	23.5
22	16.0	15.5	16.0	11.5	9.5	10.5	19.0	17.0	18.0	23.5	21.0	22.5
23	16.0	14.5	15.0	12.5	8.5	10.5	17.0	15.0	16.0	23.5	21.0	22.0
24	14.5	13.0	14.0	14.0	10.5	12.0	17.0	13.5	15.5	25.0	22.5	24.0
25	13.5	12.0	13.0	15.0	12.5	14.0	18.5	15.0	17.0	25.5	23.5	25.0
26	12.0	10.0	11.0	16.0	14.5	15.0	20.5	17.5	19.0	26.0	24.5	25.0
27	---	---	---	17.5	15.5	16.5	22.5	19.5	21.0	25.0	24.0	24.5
28	---	---	---	17.0	15.0	16.0	24.0	21.0	22.5	25.5	24.0	25.0
29	---	---	---	17.0	15.0	16.5	23.0	21.5	22.5	26.0	24.5	25.5
30	---	---	---	18.0	15.5	17.0	22.5	20.0	21.5	27.0	25.0	26.0
31	---	---	---	19.0	17.0	18.0	---	---	---	27.0	25.5	26.5
MONTH	16.0	4.0	11.0	19.0	8.5	14.0	24.0	13.5	19.0	27.0	18.0	23.0
YEAR	27.0	1.0	15.0									

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.4	5.2	5.3	6.4	5.6	5.9	5.3	4.5	5.0	11.1	10.3	10.6
2	5.3	4.7	5.0	5.6	5.4	5.5	6.5	5.0	5.6	10.5	10.2	10.3
3	4.9	4.5	4.7	5.5	4.4	5.1	7.9	6.6	7.6	10.4	9.8	10.1
4	5.3	4.3	4.7	5.7	5.2	5.4	8.3	7.8	8.1	9.8	9.6	9.7
5	4.6	4.2	4.3	6.8	5.8	6.5	7.8	7.3	7.5	9.8	9.5	9.7
6	5.7	4.6	5.1	6.7	6.5	6.6	7.2	7.0	7.0	10.5	9.8	10.1
7	6.2	5.7	5.9	6.6	6.4	6.4	7.7	6.8	7.2	10.5	10.2	10.3
8	6.2	6.0	6.1	6.3	5.7	5.9	8.3	7.7	8.0	10.9	10.3	10.5
9	6.0	5.6	5.8	5.9	5.6	5.7	8.4	8.2	8.3	11.5	10.9	11.2
10	5.7	5.5	5.6	5.9	5.6	5.7	8.3	8.1	8.2	11.5	10.9	11.1
11	5.5	5.1	5.3	5.7	5.5	5.6	8.1	7.8	7.9	10.8	10.5	10.6
12	5.2	5.0	5.1	5.8	5.4	5.6	7.7	7.1	7.3	10.9	10.5	10.7
13	5.3	5.1	5.2	5.7	5.0	5.2	7.1	6.0	6.5	10.8	10.4	10.6
14	5.3	5.1	5.2	5.0	4.8	4.9	7.2	5.9	6.4	11.0	10.5	10.7
15	5.2	4.7	5.0	5.0	4.8	4.8	8.8	7.3	8.2	11.1	10.7	10.9
16	4.8	4.4	4.6	4.8	4.3	4.4	9.3	8.8	9.1	11.2	10.9	11.1
17	4.9	4.5	4.7	4.5	4.2	4.3	9.5	9.2	9.3	11.1	10.4	10.6
18	4.9	4.7	4.8	4.5	4.2	4.4	9.4	9.2	9.3	10.4	9.7	9.9
19	4.9	4.6	4.7	4.5	4.1	4.2	9.8	9.3	9.5	9.8	9.0	9.2
20	4.8	4.5	4.7	4.8	3.5	4.3	10.3	9.8	10.1	9.7	8.9	9.2
21	4.7	4.5	4.6	3.4	3.0	3.2	10.6	10.3	10.4	9.9	9.4	9.6
22	5.7	4.7	5.4	5.5	3.4	4.7	11.1	10.6	10.8	9.8	9.4	9.6
23	5.7	5.5	5.5	6.3	4.5	5.3	11.0	10.5	10.8	9.6	8.9	9.1
24	5.7	5.6	5.6	7.2	6.4	6.9	10.5	9.8	10.0	9.9	9.0	9.4
25	5.6	5.5	5.5	7.2	6.9	7.2	10.1	9.6	9.8	9.9	9.7	9.8
26	5.6	5.3	5.4	6.9	6.1	6.5	11.6	10.2	10.5	9.9	9.5	9.6
27	5.8	5.5	5.7	6.0	4.8	5.4	11.8	11.6	11.7	10.6	9.4	9.9
28	5.8	5.5	5.6	4.7	3.9	4.2	11.6	10.9	11.2	11.9	10.7	11.3
29	5.6	5.4	5.5	4.0	3.6	3.8	10.9	10.5	10.7	11.8	11.5	11.6
30	6.1	5.7	5.9	4.4	4.0	4.2	11.0	10.5	10.7	11.6	11.3	11.4
31	6.7	6.1	6.4	---	---	---	11.2	11.0	11.1	11.5	11.0	11.3
MONTH	6.7	4.2	5.3	7.2	3.0	5.3	11.8	4.5	8.9	11.9	8.9	10.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.3	10.8	11.1	---	---	---	7.6	6.4	7.0	5.3	4.7	5.0
2	11.1	10.2	10.5	---	---	---	7.4	6.2	6.8	5.2	4.4	4.8
3	10.1	9.5	9.7	10.6	9.9	10.3	7.1	6.1	6.6	5.8	4.7	5.2
4	9.5	8.9	9.1	10.3	9.1	9.7	6.6	5.9	6.2	6.4	5.4	5.9
5	9.0	8.2	8.4	10.4	9.2	9.7	6.5	5.9	6.2	6.2	5.5	5.9
6	8.1	7.8	7.9	10.2	9.3	9.7	6.1	5.6	5.8	5.8	5.1	5.5
7	8.2	7.5	7.8	10.4	9.2	9.7	5.7	5.4	5.5	5.6	4.8	5.2
8	8.4	7.7	8.0	10.5	9.1	9.8	5.5	5.2	5.3	5.3	4.5	4.9
9	8.8	8.1	8.4	10.7	9.5	10.0	5.9	5.2	5.6	5.6	4.2	4.9
10	8.7	8.2	8.4	9.7	8.7	9.2	6.7	5.9	6.4	6.2	4.7	5.5
11	8.4	7.7	7.9	9.4	8.1	8.7	6.9	6.4	6.6	6.7	5.5	6.1
12	8.8	7.7	8.3	8.6	7.5	8.1	6.6	6.3	6.5	6.0	5.1	5.5
13	9.7	8.5	9.1	8.5	7.3	7.9	6.5	6.1	6.3	5.8	5.0	5.4
14	10.2	9.3	9.7	7.5	6.4	7.0	6.2	5.9	6.0	6.0	4.8	5.4
15	9.7	9.0	9.3	7.3	6.3	6.8	5.9	5.2	5.[illegible]	6.4	5.3	5.8
16	9.6	8.9	9.2	7.5	6.8	7.1	6.2	5.1	5.7	6.4	5.1	5.7
17	9.3	8.5	8.9	8.0	6.9	7.3	6.9	6.2	6.6	6.1	5.1	5.6
18	8.6	7.7	8.0	7.8	6.8	7.2	7.0	6.5	6.8	6.0	4.9	5.5
19	8.0	7.4	7.7	7.0	6.5	6.7	6.4	6.1	6.3	5.7	4.5	5.2
20	8.2	7.4	7.8	6.9	6.3	6.6	6.1	5.3	5.6	6.1	4.9	5.4
21	7.7	6.8	7.3	8.4	7.0	7.8	5.4	4.5	4.8	6.2	5.1	5.6
22	7.5	6.8	7.2	9.4	8.2	8.8	5.8	4.6	5.2	6.4	5.2	5.8
23	7.9	6.8	7.3	9.8	8.8	9.2	7.0	5.8	6.4	6.6	5.4	6.0
24	8.3	7.3	7.7	9.5	8.6	9.0	7.3	6.7	6.9	6.2	5.2	5.8
25	8.5	7.4	8.0	9.1	8.0	8.5	6.9	6.4	6.6	5.8	4.9	5.4
26	8.2	8.0	8.1	8.8	7.8	8.3	6.3	5.8	6.0	5.6	4.6	5.1
27	---	---	---	8.3	7.5	7.9	5.6	5.1	5.3	5.5	4.5	5.0
28	---	---	---	8.2	7.4	7.8	5.0	4.5	4.7	5.8	4.5	5.1
29	---	---	---	8.3	7.0	7.6	5.1	4.2	4.7	5.6	4.7	5.1
30	---	---	---	8.2	7.0	7.5	5.5	4.8	5.1	5.6	4.7	5.1
31	---	---	---	7.8	6.7	7.2	---	---	---	5.3	4.5	4.9
MONTH	11.3	6.8	8.5	10.7	6.3	8.3	7.6	4.2	6.0	6.7	4.2	5.4
YEAR	11.9	3.0	7.2									

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

LOCATION.--Lat 33°43'52'', long 80°37'43'', Calhoun County, Hydrologic unit 03050110, 200 ft downstream from Trezesvants boat landing, 1.0 mi downstream from confluence of Wateree and Congaree Rivers, 3.9 miles east, southeast, of Fort Motte and at mile 123.3.

DRAINAGE AREA.--14,100 mi², approximately.

PERIOD OF RECORD.--April 1986 To September 1986.

GAGE.--DCP with remote system to district office. Datum of gage is 68.732 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.82 ft Aug. 23; minimum gage height, 4.27 ft, Aug 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	5.58	5.93	5.02	4.57	6.72
2	---	---	---	---	---	---	---	5.55	5.74	5.04	4.58	6.63
3	---	---	---	---	---	---	---	5.52	5.91	5.01	4.63	6.62
4	---	---	---	---	---	---	---	5.57	6.04	5.10	4.48	6.40
5	---	---	---	---	---	---	---	5.22	5.66	5.00	4.38	7.29
6	---	---	---	---	---	---	---	5.11	5.52	4.91	4.41	8.18
7	---	---	---	---	---	---	---	5.24	5.45	4.87	4.37	8.89
8	---	---	---	---	---	---	---	6.02	5.37	4.85	4.47	8.92
9	---	---	---	---	---	---	---	6.27	5.33	5.13	4.85	8.30
10	---	---	---	---	---	---	---	5.63	5.51	4.94	4.65	7.61
11	---	---	---	---	---	---	---	5.13	5.61	4.86	4.36	7.14
12	---	---	---	---	---	---	---	5.05	5.70	4.78	4.38	7.32
13	---	---	---	---	---	---	---	5.14	5.97	4.66	4.80	6.60
14	---	---	---	---	---	---	---	5.41	5.66	4.71	4.95	6.04
15	---	---	---	---	---	---	---	5.47	5.70	4.78	5.27	5.55
16	---	---	---	---	---	---	---	5.31	5.59	4.85	5.59	5.46
17	---	---	---	---	---	---	---	5.27	5.41	4.86	6.30	6.23
18	---	---	---	---	---	---	---	5.95	5.76	4.81	---	6.30
19	---	---	---	---	---	---	---	5.88	5.73	5.01	---	5.88
20	---	---	---	---	---	---	---	5.53	5.37	4.89	9.83	5.28
21	---	---	---	---	---	---	---	5.55	5.40	4.78	10.36	5.69
22	---	---	---	---	---	---	---	5.55	5.36	4.90	10.83	5.79
23	---	---	---	---	---	---	---	5.59	5.24	4.69	11.59	5.49
24	---	---	---	---	---	---	---	5.61	5.24	4.68	11.69	5.46
25	---	---	---	---	---	---	---	5.49	5.34	4.61	11.45	5.91
26	---	---	---	---	---	---	---	5.36	5.46	4.69	11.26	7.10
27	---	---	---	---	---	---	---	5.26	5.42	4.59	10.67	7.59
28	---	---	---	---	---	---	---	5.42	5.31	4.43	9.50	7.19
29	---	---	---	---	---	---	5.53	5.66	5.19	4.50	8.79	5.95
30	---	---	---	---	---	---	5.80	5.91	5.06	4.60	7.88	5.71
31	---	---	---	---	---	---	---	6.13	---	4.56	7.10	---
MEAN	---	---	---	---	---	---	---	5.53	5.53	4.81	---	6.64
MAX	---	---	---	---	---	---	---	6.27	6.04	5.21	11.69	8.92
MIN	---	---	---	---	---	---	---	5.05	5.06	4.43	4.36	5.28

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC
(National stream quality accounting network station)

LOCATION.--Lat 33°23'14", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, on right bank 0.6 mi upstream from bridge on State Highway 45 and 7.0 mi southwest of Pineville.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1943 to current year (discontinued). Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 60.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Auxiliary water-stage recorder 3.9 mi downstream from base gage.

REMARKS.--Records poor. Canal diverts water from Lake Marion to Lake Moultrie for generation of power and for navigation. Water is discharged from powerplant and navigation lock into West Branch Cooper River.

AVERAGE DISCHARGE.--43 years, 14,684 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 40,300 ft³/s, Mar. 17, 1983; minimum daily (normal operation), -1567 ft³/s, May 9, 1984; maximum daily reverse flow, 12,100 ft³/s, Feb. 9, 1947 (caused by unusual operation of gates).

REVISIONS.--Revised figures of discharge for the water year 1985, superseding those publised in the report for 1985 are given below.

EXTREMES FOR 1985 WATER YEAR.--Maximum daily discharge, 37,4000 ft³/s, Feb. 12; minimum daily 125 ft³/s, Jul. 24.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 34,900 ft³/s, Nov. 30; minimum daily discharge, -1567 ft³/s, May 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8230	9370	7110	9250	6600	24700	5090	4440	4260	1880	14200	26000
2	2140	10200	6150	8960	9160	20400	4190	4360	2420	4520	9870	26200
3	3370	7770	6410	13700	13800	18300	4540	7340	3210	2780	9830	26200
4	6280	8710	7100	13900	15300	17100	3590	6300	957	1740	10100	23700
5	6400	9240	11700	11000	22600	17800	3220	7910	3160	5450	9350	35900
6	5890	8020	17600	15200	25300	14700	11000	4400	507	3640	7590	24100
7	7220	5410	11200	17100	27300	14600	3240	1740	9100	3560	6340	22200
8	5700	6990	14800	16700	28200	12300	9950	2730	6500	2510	7000	17300
9	4780	8080	16400	17300	32500	12600	10900	5890	3880	2510	6960	14800
10	5370	7310	14400	19100	34500	12100	4760	5240	4320	3290	6740	13100
11	4940	10600	15900	18300	35300	4430	6880	9250	6740	3680	5730	17000
12	3960	3120	15600	19500	37400	10600	6820	8250	7440	1070	5990	7940
13	4030	3720	16600	17000	33200	4330	3920	2660	6440	2880	6270	10100
14	2930	5540	14500	18800	31300	6880	4740	2200	4760	4070	4410	7730
15	2160	7570	14200	15800	31400	4440	1160	3050	7890	3170	5590	4270
16	3670	8490	14000	14000	29900	8580	6890	10300	8960	3240	5510	1850
17	5540	4180	13800	16700	28700	9790	2460	10700	6820	4300	1060	4300
18	5470	3940	13600	16400	27600	11600	6990	8000	6390	2030	15100	4770
19	5510	6610	10700	13300	27500	5600	7020	6710	7490	3350	8900	4780
20	6400	3800	10200	14700	26500	6800	7000	8280	3690	2240	15300	5790
21	7530	6660	9590	11600	25600	6000	4280	7860	2410	2880	19700	5520
22	10200	7520	8620	13900	25200	10800	2080	12700	3620	4330	22300	5750
23	5660	5380	7750	11100	25000	4800	5470	5590	3500	1820	23700	9820
24	5870	4250	7950	8660	24200	10100	6720	10600	1680	125	24500	10900
25	6260	4090	8710	10600	23400	9950	8470	7040	3490	15300	25800	11200
26	6950	4190	9010	4610	22800	6750	4630	6050	4560	12600	23200	12800
27	5710	4340	1050	4430	22200	8650	7780	5560	322	9720	16300	7760
28	9290	5920	9570	6390	22000	7060	6340	5350	198	9060	20800	2400
29	8300	6280	9810	4140	---	8240	2430	6560	4740	10900	22300	2120
30	7170	7900	9240	4770	---	5940	1620	7540	6070	9120	32300	5330
31	6500	---	7960	4780	---	3590	---	2280	---	10300	22800	---
TOTAL	179430	195190	341030	391690	714460	316130	164180	196880	135464	148085	413540	371630
MEAN	5788	6506	11000	12640	25520	10200	5473	6351	4515	4777	13340	12390
MAX	10200	10600	17600	19500	37400	24700	11000	12700	9100	15300	32300	35900
MIN	2140	3120	1050	4140	6600	3590	1160	1740	198	125	1060	1850

CAL YR 1984 TOTAL 5722700 MEAN 15640 MAX 29200 MIN 1050
WTR YR 1985 TOTAL 3567709 MEAN 9775 MAX 37400 MIN 125

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC--Continued
(National stream quality accounting network station)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2770	16800	33700	13200	9550	10100	7520	1080	2430	1090	1350	11000
2	7440	16200	33100	12300	8650	10200	7290	1690	2630	2110	2930	10000
3	4730	20300	31900	13200	10600	9890	6610	-528	2840	341	2860	8520
4	7130	22000	31900	12800	12200	9180	4910	-394	3160	588	2310	5430
5	8340	19600	32600	13400	11200	9100	4640	-377	3420	2670	800	5720
6	975	21400	32600	12300	9250	9170	3370	1240	1820	742	2480	6750
7	7460	24200	32100	11800	9060	8940	9050	2050	2360	2240	2840	7200
8	10000	25100	32800	12600	9590	2790	9770	1620	1670	1560	2450	8940
9	6250	24800	31600	15300	9350	4630	8170	-1567	1380	268	2440	8160
10	8200	25900	30000	12700	8580	1190	3070	2500	1350	607	2110	8030
11	5050	24300	29000	10300	8560	5720	4300	-19.8	3320	-34	1940	8980
12	3760	22900	29800	9340	8450	5340	1230	-1524	2270	717	2210	8100
13	9140	19700	31500	9350	10000	8830	690	137	2100	261	2500	7870
14	5660	20100	32400	9040	10000	3760	1160	1470	465	1880	837	5240
15	4920	21600	29300	10000	10200	10200	2300	2050	3070	2900	3920	2800
16	4880	23200	28000	11300	8220	8940	5100	2780	3630	2090	3350	3550
17	5590	24100	26300	10400	8690	7160	3220	2110	2820	3530	3990	2350
18	5350	24100	25900	9330	9010	6450	3720	2700	2500	3480	2470	5570
19	5980	22700	25900	9220	8970	8850	2250	5130	3280	1710	4130	4640
20	2820	22900	26500	8590	9100	11400	48	5490	3520	2390	4160	5660
21	3920	22600	24200	9600	10300	14400	4440	4220	770	1340	4490	5600
22	3290	26300	22600	9600	9130	13100	2630	3240	4160	2560	6170	3260
23	4540	26900	21100	9570	8600	12700	3250	2650	2850	2470	7260	2140
24	4880	29100	20000	11600	9350	11900	2640	2690	4320	3060	9370	2710
25	6590	29600	22000	10500	9720	13200	2230	632	2420	3580	11000	2880
26	3700	33200	19100	10400	9020	12100	1310	2770	2580	1850	11900	2830
27	5350	34400	19100	12000	10300	9890	689	3390	3460	3230	13400	3980
28	6060	34100	20400	9680	9900	9590	2520	3200	2210	1900	15000	5080
29	7880	34500	20600	8960	---	9620	1700	1790	1680	1430	15100	2450
30	7500	34900	19100	9100	---	7610	-112	1940	2250	3320	14500	2770
31	10000	---	14700	9650	---	6720	---	2390	---	2360	12500	---
TOTAL	180135	747500	829800	337130	265350	272170	109715	56549	76355	58220	172767	167810
MEAN	5811	24920	26770	10880	9477	8780	3657	1824	2545	1878	5573	5594
MAX	10000	34900	33700	15300	12200	14400	9770	5490	4320	3580	15100	11000
MIN	975	16200	14700	8590	8220	1190	-112	-1567	465	-34	800	2140

CAL YR 1985 TOTAL 4609494 MEAN 12630 MAX 37400 MIN 125
WTR YR 1986 TOTAL 3273501 MEAN 8968 MAX 34900 MIN -1567

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 33°23'25", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, at auxiliary water-stage recorder 3.9 miles downstream from base gage, 7.0 miles southwest of Pineville.

PERIOD OF RECORD.--December 1971 to September 1986 (discontinued).

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV 13...	1025	21200	109	7.60	18.5	1.3	776	9.0	94	K10	--	21
JAN 16...	1000	--	82	7.30	6.0	12	784	12.0	94	K24	K10	21
MAR 14...	1330	--	100	7.70	17.0	3.5	762	9.4	97	K16	K24	20
MAY 15...	1730	--	104	7.20	22.0	3.0	775	8.8	99	K5	K850	22
AUG 05...	0830	--	109	7.60	30.0	--	774	7.0	91	K20	1100	--
SEP 10...	0945	--	119	7.70	24.5	2.6	778	7.6	89	K6000	420	21

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 13...	5	5.1	2.1	14	55	1	2.4	23	9.7	11	.10	10
JAN 16...	4	5.1	2.0	10	48	1	2.3	19	10	8.7	.10	12
MAR 14...	2	5.0	1.9	10	48	1	2.2	23	10	9.7	.10	7.8
MAY 15...	2	5.5	2.0	13	54	1	2.0	25	12	10	.10	5.4
SEP 10...	0	4.8	2.2	15	57	1	2.7	26	13	12	.20	7.7

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 13...	75	64	.10	4290	<.10	.030	.04	.30	.030	.09	.020	.010
JAN 16...	62	61	.08	--	.29	.020	.03	.50	.050	.15	.030	.020
MAR 14...	65	58	.09	--	.19	.050	.06	.60	.030	--	.010	.020
MAY 15...	68	62	.09	--	<.10	<.010	--	.40	.030	--	.010	<.010
AUG 05...	--	--	--	--	<.10	.010	.01	.50	.030	--	.010	<.010
SEP 10...	94	71	.13	--	<.10	.040	.05	.50	.050	--	.030	<.010

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV												
13...	.03	10	<1	11	.6	<1	<1	<3	12	<3	5	<4
JAN												
16...	.06	70	<1	22	<.5	<1	<1	<3	1	220	<1	5
MAR												
14...	.06	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	--	<10	<1	8	<.5	<1	<1	<3	4	13	2	6

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
13...	3	1.1	<10	3	<1	<1	43	<6	<3	5	286	89
JAN												
16...	4	.1	<10	<1	<1	<1	41	<6	3	6	--	70
MAR												
14...	--	--	--	--	--	--	--	--	--	8	--	68
MAY												
15...	4	.1	<10	3	<1	<1	41	<6	5	6	--	69
AUG												
05...	--	--	--	--	--	--	--	--	--	9	--	27
SEP												
10...	--	--	--	--	--	--	--	--	--	7	--	76

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00", long 80°09'50", Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical datum of 1929 (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; Dam completed in 1941. Usable capacity, 47,930,000,000 ft³ between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximun normal lake elevation). Dead storage, about 15,250,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie (see preceding page) for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (distorted due to high westerly winds); minimum, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.69 ft, Dec. 14; minimum, 72.17 ft, Jan. 9, 10.

Capacity table (elevation, in feet), and
usable contents, (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

71.0 ft	24.31 ft³
72.0 ft	27.75 ft³
74.0 ft	35.41 ft³
76.0 ft	44.13 ft³
77.0 ft	48.88 ft³

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.84	74.67	76.47	72.89	73.00	74.49	75.27	74.52	74.52	74.31	73.74	75.31
2	73.80	74.51	76.38	72.84	73.04	74.41	75.19	74.45	74.52	74.26	73.71	75.14
3	73.74	74.50	76.32	72.74	72.97	74.39	75.15	74.43	74.52	74.27	73.65	75.02
4	73.83	74.60	76.46	72.65	72.79	74.45	75.22	74.45	74.55	74.25	73.68	74.98
5	73.96	74.53	76.58	72.57	72.73	74.43	75.29	74.48	74.53	74.20	73.66	75.12
6	74.03	74.72	76.48	72.47	72.82	74.43	75.32	74.48	74.54	74.20	73.63	75.14
7	74.14	75.07	76.54	72.36	72.88	74.40	75.13	74.41	74.53	74.16	73.57	75.18
8	74.19	75.29	76.58	72.26	72.90	74.34	74.98	74.37	74.53	74.10	73.56	75.13
9	74.18	75.51	76.54	72.17	72.93	74.38	74.84	74.44	74.53	74.09	73.55	75.15
10	74.25	75.68	76.48	72.26	73.13	74.47	74.81	74.47	74.54	74.05	73.54	75.00
11	74.27	75.78	76.43	72.32	73.33	74.50	74.77	74.44	74.52	74.04	73.51	74.98
12	74.37	75.86	76.45	72.40	73.56	74.50	74.78	74.42	74.54	74.02	73.49	74.93
13	74.30	75.90	76.58	72.48	73.48	74.58	74.84	74.39	74.56	73.98	73.62	74.77
14	74.23	75.94	76.35	72.59	73.58	74.67	74.85	74.41	74.59	74.13	73.72	74.71
15	74.21	75.91	76.24	72.60	73.59	74.74	74.89	74.41	74.61	73.98	73.74	74.72
16	74.24	75.88	76.12	72.46	73.74	74.90	74.85	74.38	74.65	73.97	73.75	74.66
17	74.34	75.82	75.95	72.36	73.84	75.01	74.83	74.40	74.65	73.97	73.80	74.64
18	74.40	75.67	75.76	72.38	73.93	75.16	74.66	74.42	74.62	73.93	73.98	74.62
19	74.44	75.53	75.55	72.44	73.99	75.37	74.74	74.47	74.62	73.92	73.96	74.58
20	74.46	75.44	75.41	72.45	74.05	75.42	74.83	74.50	74.60	73.89	74.15	74.43
21	74.47	75.32	75.16	72.46	74.10	75.37	74.85	74.49	74.64	73.91	74.38	74.32
22	74.49	75.52	75.03	72.55	74.17	75.43	74.79	74.45	74.57	73.86	74.52	74.29
23	74.49	75.50	74.80	72.64	74.28	75.54	74.62	74.48	74.53	73.84	74.78	74.33
24	74.54	75.58	74.64	72.64	74.36	75.59	74.60	74.44	74.41	73.80	75.12	74.31
25	74.59	75.88	74.50	72.75	74.36	75.59	74.57	74.45	74.39	73.71	75.46	74.30
26	74.63	76.28	74.04	72.97	74.47	75.56	74.55	74.43	74.45	73.76	75.75	74.35
27	74.71	76.36	73.81	73.12	74.53	75.52	74.56	74.45	74.43	73.70	75.96	74.40
28	74.71	76.43	73.61	72.89	74.51	75.47	74.59	74.46	74.38	73.68	75.87	74.42
29	74.64	76.51	73.43	72.96	---	75.41	74.51	74.45	74.40	73.71	75.77	74.49
30	74.55	76.53	73.11	73.00	---	75.40	74.54	74.48	74.33	73.66	75.69	74.50
31	74.62	---	72.98	73.01	---	75.34	---	74.50	---	73.68	75.49	---
MAX	74.71	76.53	76.58	73.12	74.53	75.59	75.32	74.52	74.65	74.31	75.96	75.31
MIN	73.74	74.50	72.98	72.17	72.73	74.34	74.51	74.37	74.33	73.66	73.49	74.29
[+]	38.03	46.64	31.38	31.49	37.57	41.37	37.70	37.53	36.81	34.14	41.84	37.53
[•]	1198	3322	-5697	41	2513	1410	-1339	-63	-278	-997	2875	-1663

CAL YR 1985 *73 MAX 76.58 MIN 71.99
WTR YR 1986 *86 MAX 76.58 MIN 72.17

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[•] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050111, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream or temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

REMARKS.--Records fair, except those for discharges above 9,000 ft³/s, which are poor. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal (02170500) into Lake Moultrie (02172000) for generation of power and for navigation, then discharged into Cooper River Basin. Seepage from north dike of Lake Marion Dam bypasses station via Little River. Results of discharge measurement of Little River, just below dam,made during water year 1984 are:

July 12 - 21.6 ft³/s

AVERAGE DISCHARGE.--42 years, 2,356 ft³/s, 2.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft³/s, Sept. 23, 1945, gage height, 31.1 ft (from floodmarks), from rating curve extended above 13,000 ft³/s by computation of flow over spillway at Lake Marion; minimum daily, 9.0 ft³/s, Feb. 23, 1947 (caused by repair work at spillway).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 25,600 ft³/s, Dec. 13, gage height, 13.65 ft; minimum daily, 395 ft³/s, Oct. 14.

DISCHARGE FOR 1986 WATER YEAR WILL BE INCLUDED WITH 1987 WATER RESOURCES DATA

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38'', long 80°57'38'', Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 mail channel bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--14,800 mi^2.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River.

AVERAGE DISCHARGE.--6 years, 3,370 ft^3/s, 3.09 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,400 ft^3/s Apr. 1, 1980, gage height, 24.45 ft; minimum daily, 398 ft^3/s, Oct. 8, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 36,100 ft^3/s, May 14, gage height, 21.79 ft, Feb. 22; minimum daily, 481 ft^3/s, Oct. 15.

DISCHARGE FOR 1986 WATER YEAR WILL BE INCLUDED WITH 1987 WATER RESOURCES DATA

02171620 CRAWL CREEK NEAR PINEVILLE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°26'18", long 79°59'47", Berkeley County, Hydrologic Unit 03050112, at bridge on State Highway 6, 1.0 mi upstream from U.S. Highway 52, 2.5 mi east of Pineville, and at mile 3.1.

PERIOD OF RECORD.--Water years 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT										
08...	1330	95	6.80	18.5	6.0	30	771	7.3	77	.5
NOV										
08...	1315	162	6.40	15.0	3.0	30	770	7.1	70	.5
DEC										
12...	1130	105	6.60	15.0	6.0	10	772	6.9	68	.5
JAN										
16...	1200	90	6.80	7.0	6.0	70	785	10.5	84	.5
FEB										
04...	1230	98	6.90	15.5	8.0	60	775	9.2	91	.5
MAR										
14...	0900	78	6.70	16.5	18	70	766	6.8	69	2.5
APR										
08...	1330	105	6.80	22.0	12	120	767	6.3	72	1.0
MAY										
16...	0900	89	6.60	20.0	23	50	778	6.3	68	2.6
JUN										
30...	1415	98	7.00	27.5	10	50	771	5.3	66	.9
JUL										
18...	1100	96	7.00	27.5	9.0	40	776	5.1	63	.5
AUG										
05...	1030	105	6.80	25.5	6.0	40	774	5.7	69	.8
SEP										
11...	1800	111	7.10	24.5	6.0	40	776	4.5	53	1.2

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, SUS-PENDED RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, SUS-PENDED RECOV. (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	SEDI-MENT, SUS-PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT										
08...	7	610	420	190	50	40	10	6	67	5.4
NOV										
08...	7	420	370	50	50	20	30	4	69	6.9
DEC										
12...	5	400	290	110	20	--	<10	8	43	12
JAN										
16...	2	570	0	610	20	0	20	2	94	12
FEB										
04...	6	840	410	430	30	20	10	6	96	8.2
MAR										
14...	21	1300	--	700	100	--	30	21	75	20
APR										
08...	15	1800	--	1300	80	--	60	14	81	6.4
MAY										
16...	30	1800	--	900	130	--	80	36	77	6.4
JUN										
30...	13	1100	--	680	120	--	10	10	95	5.1
JUL										
18...	11	1300	--	480	230	--	180	12	50	4.5
AUG										
05...	12	890	--	490	110	--	70	7	56	5.9
SEP										
11...	9	860	--	310	90	--	70	7	68	8.4

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°24'05'', long 79°31'20'', Berkeley County, Hydrologic Unit 03050112, on right bank, on Tract 13P of Francis Marion National Forest, 3.9 mi east of St. Stephens, 600 ft downstream from Mattassee Lake, and at mile 52.0.

PERIOD OF RECORD.--January 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT										
08...	1445	137	7.60	22.5	19	5	772	8.2	94	.5
NOV										
08...	1425	103	7.90	16.5	6.0	10	770	9.0	91	1.5
DEC										
12...	1400	101	7.80	14.5	6.0	50	772	9.6	93	.5
JAN										
16...	1340	88	7.50	7.0	17	35	785	11.6	93	.5
FEB										
04...	1530	82	8.00	10.0	20	40	774	10.8	94	.5
MAR										
14...	1100	109	7.00	17.5	20	40	766	8.0	83	1.5
APR										
08...	1400	96	7.30	21.0	15	30	765	8.0	89	.5
MAY										
16...	0945	112	6.90	25.0	4.5	20	778	6.9	82	1.0
JUN										
30...	1535	120	7.40	29.5	1.5	10	771	6.5	84	1.2
JUL										
18...	0900	115	7.50	31.0	1.5	10	775	6.4	85	.9
AUG										
05...	1200	116	7.30	31.0	5.0	10	777	6.6	87	.6
SEP										
11...	1600	110	7.60	25.5	10	10	776	7.5	90	.8

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, SUS-PENDED RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, SUS-PENDED RECOV. (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	SEDI-MENT, SUS-PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT										
08...	42	1100	1000	100	80	60	20	--	--	4.0
NOV										
08...	21	200	180	20	40	--	<10	16	76	4.2
DEC										
12...	20	760	350	410	30	--	<10	72	30	4.7
JAN										
16...	18	950	--	120	30	--	<10	18	88	5.7
FEB										
04...	31	880	700	180	30	--	<10	31	88	4.9
MAR										
14...	35	1700	--	710	190	--	80	35	86	5.0
APR										
08...	24	640	--	220	30	--	20	26	82	19
MAY										
16...	10	820	--	460	120	--	80	9	84	3.7
JUN										
30...	5	510	--	220	90	--	10	4	55	2.5
JUL										
18...	5	550	--	160	90	--	40	7	64	2.9
AUG										
05...	7	550	--	190	110	--	50	6	76	4.0
SEP										
11...	24	590	--	--	60	--	--	26	57	4.0

02171680 WEDBOO CREEK NEAR JAMESTOWN, SC

LOCATION.--Lat 33°19'30", long 79°48'10", Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on South Carolina Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.3 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--September 1966 to Feb. 1972, Feb. 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above National Geodetic Vertical Datum of 1929(from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Jul. 3-15, which are poor.

AVERAGE DISCHARGE.--18 years, 11.80 ft³/s, 9.21 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 928 ft³/s, Aug. 26, 1971, gage height, 5.96 ft; maximum gage-height, 8.82 ft Mar. 22, 23, 1975 (caused by backwater). No flow for several days during water years 1966-69, 1973, 1974, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater base discharge of 100 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 22	1830	*492	*5.20	Mar. 21	0300	100	3.80
Feb. 11	2000	132	4.01				

Minimum discharge, 0.08 ft³/s, Aug. 10; gage height, 0.91 ft; minimum daily, 0.09 ft³/s, Aug. 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.58	7.3	49	7.7	12	7.7	7.7	1.4	.72	.51	.15	10
2	.68	9.4	47	6.9	11	7.1	6.8	1.4	.73	.50	.15	7.6
3	.80	8.1	36	6.6	11	6.6	6.1	1.3	.72	.70	.13	5.4
4	2.2	25	29	6.4	9.5	6.3	7.5	1.3	.72	1.0	.31	3.5
5	3.8	22	24	6.7	8.6	5.9	15	1.3	.72	1.7	.20	3.2
6	1.8	15	31	6.4	13	5.6	11	1.3	.67	1.6	.17	6.6
7	1.1	11	41	6.0	33	5.3	9.0	1.2	.67	1.3	.15	4.9
8	.90	8.3	55	5.6	35	4.8	7.7	1.2	.67	1.0	.13	3.2
9	.81	6.6	60	5.2	29	4.5	10	1.2	.68	.71	.11	2.1
10	1.2	5.5	44	6.0	34	4.4	9.4	1.2	.70	.60	.10	1.7
11	3.6	4.9	30	16	107	4.3	7.6	1.2	.71	.52	.09	1.4
12	5.0	4.4	23	18	111	4.2	6.3	1.2	.67	.49	.12	1.2
13	4.1	4.1	32	16	74	4.2	5.4	1.3	.66	.44	.29	1.0
14	3.5	3.9	94	14	50	31	4.7	1.2	.61	.40	.95	.89
15	3.0	3.5	73	12	37	59	4.1	1.1	.66	.28	.09	.76
16	3.9	3.2	52	10	29	49	3.7	1.0	1.1	.24	.47	.72
17	8.2	3.0	41	9.1	24	36	3.3	.98	.86	.27	.30	.82
18	5.8	3.1	33	8.4	20	25	3.0	.95	.67	.24	1.1	.74
19	4.5	4.1	27	8.3	17	23	2.8	.93	.65	.21	6.9	.71
20	3.9	29	22	8.2	15	71	2.7	1.1	.61	.19	3.6	.65
21	3.2	66	19	7.5	13	97	2.6	.98	.99	.19	2.6	.64
22	2.8	267	17	6.8	12	73	2.4	.89	.67	.47	1.4	.73
23	2.7	295	15	6.5	11	51	2.1	.84	.60	.42	1.8	.80
24	2.5	148	14	6.9	9.8	36	2.1	.81	.56	.30	3.7	.71
25	2.2	87	13	7.4	8.9	27	2.0	.78	.56	.26	1.3	.66
26	1.9	50	13	10	8.0	21	1.9	.77	.56	.27	.59	.65
27	1.7	41	12	18	7.9	17	1.7	.77	.54	.25	.43	.68
28	1.7	34	12	17	8.3	14	1.7	.77	.51	.21	4.2	.68
29	1.8	37	13	14	---	12	1.6	.73	.51	.18	27	.78
30	2.1	67	12	14	---	10	1.5	.72	.51	.21	9.7	.73
31	3.3	---	9.1	14	---	8.8	---	.72	---	.16	12	---
TOTAL	85.27	1261.6	1008.1	305.6	759.0	731.7	153.4	32.54	20.21	15.82	81.03	64.15
MEAN	2.75	42.1	32.5	9.86	27.1	23.6	5.11	1.05	.67	.51	2.61	2.14
MAX	8.2	295	94	18	111	97	15	1.4	1.1	1.7	27	10
MIN	.58	3.0	9.1	5.2	7.9	4.2	1.5	.72	.51	.16	.09	.64

CAL YR 1985	TOTAL	2872.57	MEAN	7.87	MAX	295	MIN	.20
WTR YR 1986	TOTAL	4518.42	MEAN	12.4	MAX	295	MIN	.09

02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17", long 79°40'42", Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.10 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--About 15,000 mi².

PERIOD OF RECORD.--January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 32.0 ft, Apr. 15, 1936; minimum, 0.61 ft, Nov. 21, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 15.54 ft, Dec. 9; minimum recorded, 0.88 ft, Jul. 14.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.12	3.74	7.77	5.67	15.25	15.16	13.46	12.49	5.12	3.29	3.17	1.54
2	3.96	2.35	8.84	7.80	15.16	14.93	12.44	11.48	4.39	2.60	6.33	1.57
3	3.15	1.90	9.87	8.87	14.97	14.74	11.47	10.84	7.51	2.77	6.17	4.98
4	2.86	1.83	11.38	9.88	14.76	14.60	10.80	10.32	8.51	7.53	4.89	2.50
5	2.70	1.64	12.19	11.38	14.64	14.53	10.34	9.97	8.62	7.59	2.97	2.06
6	3.11	1.42	12.29	12.16	14.76	14.56	10.05	9.96	7.54	4.95	2.75	1.69
7	3.20	1.63	12.20	11.89	15.09	14.74	10.02	9.75	4.89	3.35	2.36	1.43
8	4.11	2.02	11.88	11.56	15.43	15.07	10.01	9.80	5.98	2.82	2.47	1.28
9	3.70	2.10	11.55	11.32	15.54	15.40	10.35	10.02	5.98	5.01	2.57	1.44
10	3.99	2.04	11.32	11.10	15.50	15.22	10.32	9.17	5.49	4.08	2.34	1.36
11	3.50	1.84	11.11	10.78	15.27	14.96	9.13	6.80	4.49	3.12	2.01	1.23
12	4.23	2.08	10.78	10.43	15.00	14.75	6.77	5.24	3.68	2.90	2.33	1.25
13	6.69	2.76	10.43	10.25	14.80	14.66	5.23	3.33	4.11	2.90	2.60	1.38
14	6.68	4.29	10.26	10.20	14.73	14.62	6.84	2.98	4.79	3.33	4.74	1.68
15	4.99	3.73	10.48	10.19	14.73	14.64	6.61	5.65	4.00	2.41	4.79	2.01
16	5.01	3.32	11.27	10.49	14.74	14.66	8.01	6.31	2.95	2.07	3.11	2.13
17	4.12	2.44	11.97	11.28	14.72	14.64	8.01	5.82	2.91	1.96	3.72	2.15
18	4.02	2.08	12.60	11.98	14.67	14.55	5.74	3.08	2.95	1.83	3.60	2.45
19	3.67	2.00	13.06	12.61	14.62	14.47	3.27	2.18	2.73	1.68	6.73	2.48
20	3.20	1.56	13.48	13.06	14.50	14.37	4.68	1.94	2.93	1.72	7.82	6.47
21	3.28	1.57	13.71	13.44	14.42	14.31	6.70	4.82	3.37	1.93	8.88	7.86
22	3.29	1.69	14.22	13.70	14.35	14.20	6.29	4.73	3.10	1.82	8.98	8.58
23	3.89	1.83	14.40	14.21	14.29	14.19	5.06	3.71	3.48	1.89	9.29	9.00
24	3.41	1.91	14.44	14.37	14.22	14.15	7.20	5.19	3.92	1.97	9.07	8.36
25	3.16	1.73	14.46	14.35	14.21	14.09	6.89	4.21	4.05	2.23	9.39	9.09
26	3.63	1.78	14.40	14.31	14.14	14.06	5.00	3.08	4.90	3.15	9.45	9.23
27	3.75	2.14	14.34	14.27	14.13	14.00	4.64	3.43	4.20	1.94	9.40	8.92
28	4.87	1.91	14.57	14.29	14.14	14.07	7.37	4.76	3.05	1.74	9.01	8.51
29	6.16	3.86	14.97	14.55	14.15	14.05	7.37	4.95	---	---	8.80	8.12
30	6.34	4.68	15.27	14.95	14.13	14.03	4.91	2.75	---	---	8.46	7.53
31	6.31	5.15	---	---	14.08	13.47	3.98	2.54	---	---	7.93	6.51
MONTH	6.69	1.42	15.27	5.67	15.54	13.47	13.46	1.94	8.62	1.68	9.45	1.23

02171700 SANTEE RIVER NEAR JAMESTOWN,S.C.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.34	7.95	3.04	1.55	2.93	1.60	2.77	1.17			---	---
2	8.02	6.50	2.36	1.31	2.87	1.42	2.43	1.07			---	---
3	7.42	5.44	2.91	1.30	3.74	1.53	2.85	.97			---	---
4	5.35	3.28	2.72	1.48	3.58	1.93	3.53	1.58			---	---
5	3.39	2.33	2.41	1.33	3.45	1.62	3.42	1.45			---	---
6	5.86	2.03	2.19	1.14	3.47	1.58	2.99	1.28			---	---
7	8.00	5.95	2.13	1.09	3.38	1.35	2.81	1.10			---	---
8	8.67	8.02	2.60	1.12	3.14	1.15	2.58	1.07			---	---
9	8.79	7.69	3.53	1.60	2.67	1.22	2.60	1.28			---	---
10	7.67	6.06	3.75	1.74	2.06	1.55	2.65	1.26			---	---
11	6.03	4.60	3.54	1.62	3.28	1.31	2.91	1.28			---	---
12	4.66	2.73	3.17	1.48	2.75	1.11	2.62	1.20			---	---
13	3.59	2.10	3.24	1.57	2.30	1.12	2.10	.98			4.05	2.13
14	3.26	1.92	3.21	1.47	2.17	1.08	1.80	.88			6.05	3.16
15	3.22	1.74	3.00	1.47	2.51	1.22	2.24	.96			6.36	2.54
16	2.89	1.40	2.85	1.40	2.61	1.33	2.39	1.01			6.20	2.63
17	2.42	1.39	2.56	1.3[illegible]	2.54	1.18	2.38	1.00			3.12	1.44
18	2.87	1.57	2.55	1.31	3.23	1.14	2.51	.96			2.26	1.22
19	3.35	1.92	2.89	1.45	3.60	1.65	---	---			2.72	1.17
20	3.34	1.94	3.11	1.52	3.42	1.41	---	---			2.98	1.31
21	3.40	1.86	3.22	1.52	3.51	1.59	---	---			2.49	1.20
22	3.09	1.63	3.24	1.46	3.98	1.76	---	---			2.56	1.34
23	5.09	1.79	3.31	1.52	3.75	1.51	---	---			2.46	1.29
24	4.96	2.56	3.40	1.33	3.41	1.71	---	---			2.95	1.24
25	3.95	1.76	3.07	1.45	4.15	1.82	---	---			3.35	1.73
26	3.54	1.77	3.46	1.63	3.72	1.89	---	---			3.05	1.63
27	3.62	1.73	3.61	1.76	3.54	1.75	---	---			2.72	1.48
28	3.63	2.07	3.59	1.66	2.97	1.46	---	---			3.33	1.53
29	3.79	1.64	3.21	1.60	2.51	1.26	---	---			3.10	1.72
30	3.12	1.65	3.22	1.57	2.52	1.13	---	---			2.61	1.44
31	---	---	3.16	1.67	---	---	---	---			---	---
MONTH	8.79	1.39	3.75	1.09	4.15	1.08	3.53	.88			6.36	1.17
YEAR	15.54	.88										

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.

LOCATION.--Lat 33°14'43'', long 79°31'20'', Berkeley County Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.61 ft Mar. 24, 1975; minimum, 11.77 ft, Jan. 25, 1979 and Mar. 17, 1981.

EXTREMES FOR CURRENT YEAR--Maximum gage height, 22.76 ft., Dec. 10, minimum, 12.58 ft, Jul. 14.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	17.43	15.43	18.08	16.74	22.61	22.50	21.82	21.40	16.19	14.23	16.44	13.56
2	16.86	14.41	18.64	17.72	22.62	22.53	21.41	20.80	16.46	13.55	16.76	14.15
3	16.37	13.90	19.51	18.44	22.55	22.42	20.81	20.14	16.65	13.55	17.34	15.47
4	16.06	13.69	20.10	19.52	22.43	22.34	20.19	19.64	18.08	16.67	16.71	13.84
5	15.96	13.61	20.64	20.09	22.34	22.28	19.87	19.19	18.62	17.52	16.11	13.77
6	16.41	13.51	20.84	20.59	22.29	22.24	19.54	19.15	17.93	16.20	15.98	13.43
7	16.48	13.92	20.83	20.70	22.37	22.25	19.46	18.97	16.96	14.71	15.62	12.79
8	17.11	14.71	20.72	20.55	22.56	22.36	19.47	18.95	17.24	14.12	15.86	12.82
9	16.89	14.35	20.69	20.51	22.72	22.56	19.56	19.03	17.44	15.99	15.89	13.26
10	16.85	14.38	20.62	20.39	22.76	22.70	19.67	19.10	17.32	15.23	15.61	13.09
11	16.78	13.95	20.45	20.19	22.73	22.63	19.20	17.78	17.07	14.70	15.36	12.90
12	17.46	14.30	20.24	19.96	22.64	22.51	18.02	16.28	16.66	14.38	15.73	12.89
13	18.19	15.39	20.09	19.72	22.52	22.44	16.92	14.57	16.45	14.13	15.62	13.15
14	18.11	16.19	19.96	19.53	22.45	22.34	16.91	14.03	16.54	14.54	16.54	13.57
15	17.61	15.25	19.90	19.47	22.37	22.32	17.41	15.91	16.38	13.93	16.58	14.09
16	17.55	15.35	20.17	19.65	22.36	22.31	17.86	16.80	15.95	13.79	15.95	13.61
17	17.27	14.53	20.49	20.09	22.33	22.28	17.95	16.28	16.00	13.77	15.71	13.70
18	17.20	14.50	20.83	20.45	22.29	22.24	16.67	14.25	16.06	13.49	16.16	13.85
19	16.88	14.40	21.12	20.81	22.25	22.20	16.26	13.79	15.89	13.44	16.14	14.39
20	16.53	13.78	21.34	21.08	22.22	22.16	15.21	13.31	16.12	13.69	17.08	15.97
21	16.58	13.85	21.54	21.33	22.16	22.10	16.92	14.73	16.54	14.07	18.38	17.09
22	16.60	14.11	21.99	21.53	22.11	22.06	17.16	15.65	16.27	13.78	18.61	18.12
23	16.95	14.23	22.16	21.97	22.06	22.01	16.41	14.78	16.70	14.02	18.99	18.29
24	16.57	14.20	22.20	22.14	22.03	21.98	17.86	15.45	16.84	14.12	18.83	18.15
25	16.49	14.11	22.21	22.16	22.00	21.94	17.75	15.91	16.98	14.25	19.18	18.43
26	16.90	14.16	22.19	22.15	21.96	21.91	16.94	14.75	17.34	14.61	19.28	18.73
27	16.98	14.72	22.16	22.10	21.94	21.90	16.55	14.22	17.10	13.77	19.24	18.49
28	17.35	14.32	22.16	22.00	21.94	21.88	17.58	14.83	16.28	13.83	19.11	18.35
29	17.99	15.76	22.29	22.14	21.95	21.90	17.57	15.81	---	---	19.07	17.99
30	18.04	16.64	22.50	22.29	21.95	21.90	16.49	14.17	---	---	18.75	17.55
31	17.74	16.39	---	---	21.94	21.80	16.91	13.78	---	---	18.27	16.77
MONTH	18.19	13.51	22.50	16.74	22.76	21.80	21.82	13.31	18.62	13.44	19.28	12.79

02171730 SANTEE RIVER NR HONEY HILL, S.C.--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	18.30	17.64	16.41	13.60	16.30	13.89	16.21	13.33	15.98	13.13	---	---
2	18.29	16.80	15.71	13.26	16.28	13.62	15.94	13.13	15.99	13.16	---	---
3	18.03	16.13	16.30	13.35	17.04	13.88	15.41	13.01	15.65	12.84	---	---
4	17.16	14.63	16.09	13.57	16.87	14.37	16.86	14.07	15.87	12.90	---	---
5	16.46	13.99	15.80	13.29	16.82	13.93	16.47	13.80	16.18	13.04	---	---
6	16.60	13.63	15.62	12.93	16.73	13.97	16.28	13.47	16.18	13.27	---	---
7	18.10	16.03	15.66	12.85	16.56	13.65	16.12	13.17	16.07	13.12	---	---
8	18.75	17.56	16.17	12.99	16.45	13.24	16.07	13.08	16.03	13.01	---	---
9	18.63	17.94	16.97	13.96	16.17	13.30	16.13	13.08	15.74	12.92	---	---
10	18.40	16.87	17.04	14.13	16.38	13.95	15.96	13.16	15.57	12.90	---	---
11	17.58	15.68	16.85	13.98	16.63	13.50	16.22	13.39	15.67	12.97	---	---
12	17.01	14.25	16.54	13.73	16.17	13.22	16.07	13.31	15.88	12.97	---	---
13	16.65	13.91	16.64	13.91	15.76	13.10	15.58	12.92	15.99	13.12	---	---
14	16.42	13.92	16.56	13.79	15.64	13.18	15.32	12.58	16.24	13.30	---	---
15	16.41	13.76	16.39	13.77	15.94	13.51	15.79	12.84	16.58	13.31	---	---
16	16.12	13.23	16.24	13.52	16.02	13.42	15.98	12.89	16.73	13.53	---	---
17	15.70	13.40	15.96	13.50	16.03	13.13	16.01	12.81	16.39	13.30	---	---
18	15.89	13.91	15.97	13.47	16.70	13.15	16.18	12.71	16.47	13.04	---	---
19	16.56	14.41	16.33	13.61	16.98	13.87	16.47	12.78	---	---	---	---
20	16.60	14.24	16.57	13.66	16.89	13.53	16.83	13.41	---	---	---	---
21	16.67	14.11	16.68	13.58	17.31	13.80	16.72	13.63	---	---	---	---
22	16.51	13.70	16.78	13.53	17.31	14.04	16.73	13.68	---	---	---	---
23	17.55	13.87	16.87	13.56	17.11	13.68	16.65	13.51	---	---	---	---
24	17.14	14.35	16.76	13.24	16.82	13.91	16.51	13.67	---	---	---	---
25	16.87	13.79	16.63	13.47	17.15	13.96	16.45	13.70	---	---	---	---
26	16.86	13.94	16.91	13.83	16.99	14.41	16.17	13.56	---	---	---	---
27	16.96	13.91	17.02	14.09	16.84	13.94	15.86	13.24	---	---	15.51	13.13
28	16.97	13.86	16.93	13.87	16.33	13.74	15.78	13.18	---	---	16.14	13.32
29	16.91	13.76	16.61	13.94	15.93	13.42	15.87	13.20	---	---	16.37	13.80
30	16.47	13.82	16.62	14.15	16.01	13.17	15.98	13.17	---	---	16.14	13.41
31	---	---	16.52	14.05	---	---	16.02	13.34	---	---	---	---
MONTH	18.75	13.23	17.04	12.85	17.31	13.10	16.86	12.58	---	---	---	---
YEAR	22.76	12.58										

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79° 23'05'', Georgetown County, Hydrologic Unit 03050112, near left bank at Hopsewee Plantation, 0.10 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 3.47 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.93 ft Mar. 25, 1975; minimum, 0.03 ft Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.17 ft Dec. 11; minimum, 1.43 ft Jul. 18.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.05	3.38	---	---	7.91	6.03	7.03	5.35	7.73	5.62	6.66	2.24
2	6.69	3.06	---	---	7.43	6.03	7.00	4.90	7.44	5.84	6.33	2.32
3	6.40	2.71	---	---	7.45	6.21	6.40	3.97	7.34	5.77	6.47	2.11
4	6.12	2.55	---	---	7.44	6.28	6.15	3.89	7.23	5.85	6.26	2.18
5	6.11	2.56	---	---	7.32	6.13	6.68	3.01	7.19	5.99	6.14	2.11
6	6.59	2.90	---	---	7.20	5.93	6.56	3.06	7.41	6.09	---	---
7	---	---	---	---	7.32	6.06	6.51	2.93	7.50	6.07	---	---
8	---	---	7.09	4.37	7.74	6.10	6.84	3.07	7.40	5.61	---	---
9	---	---	7.35	4.80	7.85	6.27	6.82	3.02	6.46	5.31	---	---
10	---	---	7.58	4.93	8.04	6.37	7.08	5.15	6.84	5.27	---	---
11	---	---	7.53	4.44	8.17	6.46	6.21	4.88	6.91	5.41	---	---
12	---	---	7.65	4.15	8.14	6.46	6.51	4.82	6.93	5.41	---	---
13	---	---	7.75	4.09	8.13	6.37	6.90	5.00	7.23	2.10	---	---
14	---	---	7.66	3.91	7.43	6.13	7.01	5.23	6.02	2.59	6.19	2.17
15	---	---	7.55	3.86	7.99	6.15	6.99	5.19	5.99	1.97	5.63	1.82
16	---	---	7.60	4.06	7.66	6.16	7.09	5.10	5.82	2.59	5.63	2.11
17	---	---	6.94	4.08	7.33	5.97	7.28	5.12	5.96	2.79	5.50	2.29
18	---	---	6.94	4.05	6.94	5.89	7.38	5.11	6.08	2.41	5.80	2.60
19	---	---	6.80	4.61	7.07	5.98	6.90	3.97	5.95	2.80	5.85	2.28
20	---	---	6.62	4.68	7.19	5.81	6.59	3.48	6.21	2.75	5.42	2.59
21	---	---	6.65	4.90	6.98	5.75	6.56	3.89	6.68	3.07	6.21	3.06
22	---	---	7.11	5.14	7.15	5.76	7.02	4.22	6.41	2.41	6.36	3.17
23	---	---	7.39	5.40	6.87	5.69	6.13	3.91	6.90	2.73	6.79	3.16
24	---	---	7.50	6.08	6.88	5.56	6.44	4.47	7.04	2.77	6.80	3.12
25	---	---	7.51	6.15	6.84	5.40	6.90	4.64	6.74	2.56	7.14	3.18
26	---	---	7.58	6.12	6.72	5.21	7.40	5.36	7.03	2.74	7.21	3.41
27	---	---	7.37	5.97	6.63	5.24	7.55	5.40	6.71	1.95	7.30	3.30
28	---	---	7.39	5.83	6.74	5.19	7.55	5.71	6.48	2.39	7.46	3.57
29	---	---	7.43	5.87	7.10	5.28	7.97	5.77	---	---	7.14	3.09
30	---	---	7.60	6.05	7.19	5.29	7.58	5.76	---	---	7.01	2.94
31	---	---	---	---	7.13	5.44	7.36	5.51	---	---	6.95	2.68
MONTH	7.05	2.55	7.75	3.86	8.17	5.19	7.97	2.93	7.73	1.95	7.46	1.82

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.70	2.87	6.62	2.34	6.51	2.89	6.43	2.39	6.23	2.34	7.45	4.13
2	6.69	2.88	5.91	2.04	6.50	2.59	6.18	2.18	6.24	2.26	7.28	4.19
3	6.74	3.00	6.54	2.94	7.23	2.92	6.74	2.23	5.95	1.83	7.49	4.01
4	6.80	2.43	6.30	2.31	7.01	3.36	7.05	3.29	6.22	1.90	7.52	3.98
5	6.34	2.28	6.01	2.04	7.04	2.96	6.73	2.87	6.55	2.05	7.36	3.74
6	6.02	1.95	5.94	1.67	6.88	2.98	6.54	2.50	6.51	2.28	7.29	3.70
7	6.64	2.31	6.04	1.62	6.80	2.66	6.44	2.22	6.37	2.03	7.24	3.61
8	7.18	2.91	6.48	1.72	6.41	2.29	6.46	2.13	6.15	1.85	7.21	3.37
9	7.06	3.03	7.22	3.06	6.59	2.35	6.18	2.03	6.03	1.75	7.21	3.30
10	6.89	2.94	7.05	3.17	6.84	3.03	6.47	1.97	5.89	1.69	6.91	2.86
11	6.73	2.97	6.89	3.00	6.79	2.55	6.50	2.34	5.93	1.76	6.79	2.72
12	6.57	2.60	6.80	2.86	6.38	2.40	6.29	2.15	6.18	1.81	6.61	2.57
13	6.47	2.65	6.84	3.05	6.04	2.14	5.81	1.76	6.32	2.11	6.96	2.66
14	6.49	2.88	6.70	2.92	5.85	2.17	5.61	1.44	6.47	2.24	7.24	3.09
15	6.50	2.91	6.56	3.00	6.15	2.46	6.10	1.80	6.87	2.19	7.04	2.66
16	6.18	2.48	6.40	2.71	6.23	2.25	6.33	1.82	7.06	2.34	7.02	2.45
17	5.81	2.64	6.12	2.49	6.32	1.88	6.41	1.62	6.74	1.93	7.42	3.09
18	5.89	2.86	6.14	2.49	7.07	2.20	6.63	1.43	6.89	1.66	7.26	3.27
19	---	---	6.55	2.57	7.32	2.70	6.90	1.71	7.13	2.30	6.76	2.59
20	---	---	6.98	2.44	7.28	2.20	7.24	2.16	6.99	2.65	6.42	2.27
21	---	---	7.02	2.32	7.73	2.52	7.13	2.20	6.58	2.21	6.74	2.55
22	---	---	7.12	2.17	7.46	2.64	6.96	2.30	6.55	2.07	6.63	2.64
23	---	---	7.23	2.18	7.18	2.29	6.92	2.16	6.75	2.65	6.59	2.75
24	7.24	2.31	7.06	1.78	7.12	2.11	6.86	2.44	6.46	2.57	5.91	2.50
25	7.25	2.23	7.27	2.10	7.04	2.59	6.76	2.51	6.85	3.33	5.49	2.06
26	7.36	2.51	7.26	2.58	7.26	3.39	6.42	2.33	6.19	2.64	5.57	2.08
27	7.32	2.58	7.33	2.91	7.04	2.92	6.13	2.04	5.93	2.47	5.60	2.21
28	7.32	2.52	7.17	2.79	6.53	2.57	6.00	2.19	5.73	2.55	6.33	2.42
29	7.06	2.55	6.83	2.73	6.11	2.29	6.02	2.31	6.89	3.41	6.56	2.95
30	6.72	2.75	6.85	3.02	6.30	2.13	6.26	2.33	7.11	3.95	6.40	2.39
31	---	---	6.67	2.92	---	---	6.24	2.55	7.03	3.89	---	---
MONTH	7.36	1.95	7.33	1.62	7.73	1.88	7.24	1.43	7.13	1.66	7.32	2.06
YEAR	8.17	1.43										

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°11'40", long 79°16'36", Georgetown County, Hydrologic Unit 03050112, near left bank at AIW in Annandale Plantation, 6.5 miles southeast of North Santee. Prior to Feb. 21, 1986 at site 600 ft downstream.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 18.08 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.99 ft, Mar. 17, 1983; minimum, 14.23 ft, Jan. 9, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.94 ft, Oct. 12, 30; minimum, recorded, 14.46 ft, Mar. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21.84	17.90	22.38	18.71	22.13	18.08	21.15	16.93	20.75	16.50	19.94	15.35
2	21.64	17.85	21.77	18.19	21.06	17.45	21.18	17.65	20.80	16.16	19.66	15.25
3	21.39	17.62	22.16	18.52	21.26	17.35	21.17	16.80	20.58	16.43	19.43	14.86
4	21.11	17.49	21.93	18.12	21.32	17.79	20.82	17.24	21.17	16.53	19.32	15.29
5	21.08	17.42	21.37	17.91	21.10	17.64	21.52	16.33	21.26	16.36	19.59	15.22
6	21.62	17.88	21.69	17.94	20.91	17.27	21.35	16.27	21.36	16.29	19.51	14.47
7	21.63	18.17	21.63	17.87	21.27	17.52	21.27	16.31	21.39	16.64	19.38	14.46
8	21.93	18.88	21.90	17.75	21.92	18.19	21.66	16.56	21.64	16.21	19.74	14.55
9	21.95	18.28	22.24	18.30	21.92	17.40	21.64	16.41	21.81	16.83	19.55	14.85
10	21.94	18.04	22.51	18.10	22.08	17.10	21.81	16.43	22.00	16.87	19.27	14.59
11	22.01	17.55	22.46	17.62	22.26	17.08	22.59	17.10	21.61	16.73	19.05	14.47
12	22.94	17.88	22.61	17.28	22.34	17.25	22.08	17.19	21.21	16.83	19.25	14.56
13	22.92	18.57	22.76	17.39	22.42	17.25	21.19	16.53	20.95	16.55	19.20	14.80
14	22.92	18.28	22.80	17.38	21.40	17.00	21.38	16.66	20.76	17.19	19.47	15.10
15	22.60	17.82	22.22	17.57	22.30	17.47	21.24	16.79	20.53	16.46	18.79	14.88
16	22.62	17.55	22.28	17.56	21.73	17.45	20.77	17.04	20.64	17.37	18.81	15.23
17	22.63	17.64	21.48	17.44	21.09	17.05	20.46	16.83	20.79	17.62	18.78	15.49
18	22.67	18.18	21.44	17.30	20.39	16.95	20.20	17.21	20.92	17.22	18.90	15.81
19	22.10	18.09	21.35	17.74	20.69	17.55	20.90	16.55	20.86	17.59	19.07	15.28
20	21.79	17.70	21.02	17.52	21.05	17.06	20.10	16.79	21.07	17.80	18.49	15.37
21	21.79	21.34	20.99	17.64	20.64	17.11	20.56	16.90	21.59	15.68	19.11	15.68
22	21.68	21.34	21.56	16.94	21.05	17.14	20.93	16.68	19.73	15.55	19.30	15.58
23	21.79	17.92	21.62	16.97	20.50	17.05	20.80	16.65	20.27	15.84	19.82	15.57
24	21.59	18.00	21.74	18.15	20.62	17.00	21.84	17.28	20.47	15.87	19.73	15.27
25	21.59	17.37	21.72	18.04	20.61	16.71	22.08	17.67	20.00	15.50	20.11	15.26
26	22.10	18.56	21.73	17.89	20.47	16.43	21.76	17.25	20.42	15.64	20.20	15.23
27	22.25	18.57	21.42	17.49	20.33	16.51	21.11	15.92	19.81	14.90	20.35	15.19
28	22.11	18.13	21.51	17.40	20.46	16.53	20.82	16.39	20.03	15.41	20.60	15.37
29	22.69	18.90	21.64	17.54	21.20	16.72	21.18	16.46	---	---	20.14	15.23
30	22.94	19.32	21.74	17.74	21.34	16.71	20.79	16.06	---	---	19.96	15.27
31	22.40	18.59	---	---	21.20	17.02	20.70	16.47	---	---	19.95	15.22
MONTH	22.94	17.42	22.80	16.94	22.42	16.43	22.59	15.92	22.00	14.90	20.60	14.46

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	19.64	15.34	19.93	15.57	19.78	16.07	19.74	15.68	19.50	15.65	20.58	16.71
2	19.63	15.62	19.25	15.22	19.80	15.86	19.55	15.52	19.51	15.56	20.40	16.54
3	19.76	15.77	19.81	16.03	20.69	16.17	20.12	15.53	19.24	15.13	20.64	16.25
4	19.96	15.46	19.57	15.42	20.38	16.47	20.46	16.52	19.60	15.20	20.70	16.37
5	19.69	15.30	19.26	15.22	20.44	16.13	20.06	16.11	19.95	15.35	20.58	16.34
6	19.36	15.09	19.29	14.91	20.33	16.19	19.86	15.75	19.86	15.50	20.53	16.49
7	19.56	14.94	19.42	14.88	20.19	15.91	19.76	15.48	19.73	15.32	20.52	16.40
8	20.17	15.30	19.80	15.00	19.71	15.59	19.81	15.42	19.35	15.10	20.38	16.09
9	20.17	15.32	20.63	16.31	19.96	15.64	19.49	15.32	19.25	15.00	20.34	15.97
10	19.94	15.52	20.44	16.38	20.17	16.25	19.80	15.22	19.18	14.95	20.09	15.75
11	19.88	15.67	20.06	16.30	19.71	15.82	19.52	15.62	19.26	14.99	19.81	15.49
12	19.91	15.69	20.16	16.07	19.58	15.65	19.53	15.39	19.39	15.09	19.60	15.30
13	19.80	15.79	20.12	16.32	19.32	15.42	19.12	15.02	19.56	15.33	20.03	15.31
14	19.82	16.07	19.97	16.21	19.14	15.46	18.86	14.75	19.70	15.41	20.39	15.76
15	19.67	16.22	19.82	16.32	19.44	15.66	19.42	15.11	20.27	15.45	20.45	15.67
16	19.49	15.82	19.61	16.03	19.52	15.48	19.72	15.10	20.55	15.56	20.54	15.62
17	19.08	15.94	19.34	15.78	19.64	15.13	19.79	14.92	20.13	15.15	20.81	16.10
18	19.17	16.08	19.39	15.78	20.53	15.37	20.12	14.70	20.30	14.90	20.42	16.03
19	19.95	16.47	19.85	15.84	20.81	15.84	20.42	14.93	20.59	15.44	20.06	15.66
20	20.06	16.42	20.26	15.68	20.85	15.40	20.83	15.36	20.39	15.77	19.77	15.41
21	20.15	15.88	20.54	15.56	21.44	15.57	20.71	15.37	19.90	15.39	19.78	15.33
22	20.25	15.63	20.64	15.32	21.08	15.75	20.44	15.47	19.93	15.22	19.83	15.61
23	20.50	15.47	20.80	15.34	20.70	15.45	20.29	15.34	20.11	15.88	19.91	15.96
24	20.79	15.30	20.60	14.96	20.40	15.23	20.13	15.62	19.74	15.82	19.18	15.78
25	20.78	15.29	20.87	15.28	20.65	15.72	20.10	15.70	20.07	16.45	18.82	15.38
26	20.91	15.57	20.87	15.72	20.73	16.51	19.70	15.54	19.46	15.89	18.85	15.42
27	20.83	15.68	20.89	16.06	20.40	16.12	19.43	15.29	19.09	15.63	18.91	15.56
28	20.47	15.71	20.67	16.03	19.83	15.78	19.28	15.48	18.90	15.55	19.58	15.93
29	20.49	15.71	20.19	15.93	19.39	15.52	19.32	15.63	20.05	16.66	19.82	16.22
30	20.05	15.99	20.23	16.22	19.68	15.41	19.56	15.66	20.26	16.78	19.67	15.66
31	---	---	19.98	16.13	---	---	19.50	15.86	20.16	16.59	---	---
MONTH	20.91	14.94	20.89	14.88	21.44	15.13	20.83	14.70	20.59	14.90	20.81	15.30
YEAR	22.94	14.46										

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1979 to current year.

INSTRUMENTATION.--USGS mini-monitor since January 1979.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 63,800 microsiemens, Jun. 28, 1980; minimum, <100 microsiemens many days.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 51,200 microsiemens, Jun. 20-21; minimum, <100 microsiemens, many days Nov.-Dec, Mar.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21800	4800	13200	25200	5600	17500	1300	<100		300	<100	
2	18000	3000	11900	13900	4700	10900	700	<100		600	<100	
3	20400	9500	13800	14200	1800	8610	500	<100		800	<100	
4	17900	10700	13800	10200	900	5410	700	100	335	900	<100	
5	16600	9900	13000	3300	400	2140	500	<100		2100	300	
6	30100	8700	18700	3400	900	2020	500	<100		700	<100	
7	33500	12700	24500	3300	600	1870	300	<100		1100	<100	
8	38800	19500	30200	2800	200	1370	400	<100		11600	400	3360
9	38900	25400	31000	6700	400	2210	500	<100		8100	700	2730
10	39800	28400	33100	3300	300	1810	500	<100		12000	200	2140
11	37800	26400	30400	1900	200	1310	500	<100		35400	900	6610
12	47600	23700	34400	15500	200	2280	400	<100		13700	1600	5020
13	47300	28800	37900	23400	300	3090	400	<100		5900	2100	3910
14	45600	18600	34500	29600	400	3910	500	<100		19700	3200	7880
15	41600	11700	27500	10300	300	2340	400	<100		18500	5500	9750
16	41600	9400	24400	12300	400	2840	300	<100		17100	4400	9050
17	43700	16500	25800	2800	200	1670	500	<100		7000	1700	4550
18	43000	22800	31200	1300	200	794	300	<100		5700	1400	3570
19	35900	24800	30800	1800	300	1110	300	<100		10000	3300	6330
20	32300	23500	28200	1500	200	665	300	<100		8700	5700	7360
21	33400	23900	28500	1200	200	434	200	<100		14600	5300	9200
22	35200	24800	29500	1000	100	509	200	<100		15100	4900	8550
23	35100	22000	29600	2300	<100		300	<100		23400	3700	9190
24	34100	25700	29500	1100	<100		300	<100		30700	9100	21500
25	34300	25400	29700	700	100	302	600	<100		31100	14800	19700
26	40700	26500	32800	900	100	332	800	<100		21600	10300	14700
27	41700	29800	35500	1000	100	396	600	<100		14500	4800	10900
28	39400	29700	35000	1300	100	439	200	<100		14200	3700	6670
29	43400	31400	36800	1300	100	469	200	<100		11100	2400	6480
30	42800	29200	34300	1300	100	448	400	<100		15200	4000	6180
31	31000	17000	26400	---	---	---	300	<100		17000	6400	11400
MONTH	47600	4800	27600	29600	<100		1300	<100		35400	<100	

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19500	7100	13500	30600	20000	25800	6200	1800	3150	40000	31000	34400
2	17400	5600	11000	30000	17400	24700	9800	2000	3620	34800	29200	31600
3	11500	6300	9270	27800	7000	15200	11200	2800	4900	40000	29200	33400
4	14300	3400	7370	16800	7400	10200	13000	3800	7220	39200	29000	34900
5	5800	1200	3150	24800	10600	14600	15200	4000	9900	38200	29800	33900
6	5100	500	2320	21400	11200	15600	17800	6000	12100	35200	28200	31600
7	9400	2100	4460	22200	10600	15600	18000	5200	10400	36200	25000	31300
8	31400	3400	12000	34600	12600	24400	12200	4800	7500	43800	29000	32700
9	30500	5100	15400	33200	17200	27500	15200	3200	5640	49200	30200	39200
10	28100	4300	12700	30800	21400	27100	12000	4000	6770	48800	35800	42100
11	15700	5800	9850	30600	21000	26300	15200	4800	8730	47800	36200	42000
12	18000	7400	10900	34200	22200	27400	22000	4800	10400	45200	36000	40400
13	16600	7400	11500	32800	21400	27400	25800	8000	15400	45000	36200	40300
14	20000	9800	13100	32200	17800	26200	30200	12000	20000	44200	36000	39400
15	15600	7400	9720	23800	10600	15600	30200	16000	22000	43200	35200	38600
16	18000	8400	11700	17000	11400	13500	27800	15000	20200	42000	34000	37300
17	19200	8800	13800	21600	10800	15000	27200	18000	21700	39200	33000	35500
18	18600	10200	14400	21000	10600	14700	30200	19200	25500	38000	32200	34600
19	18200	11000	15200	18200	7600	12100	37200	24200	31000	40200	31800	35300
20	28400	14400	20300	11800	5200	6870	38200	27000	32400	44800	31000	36700
21	31000	16000	24000	19000	5200	7600	37200	27000	31900	46800	32800	38400
22	29600	15400	24500	24600	5800	11800	39000	26000	31700	49000	32000	39600
23	37000	19000	28000	18000	5600	9710	46200	28800	34700	49800	33200	41200
24	39400	20800	29600	10000	3800	5700	48000	29000	34100	49000	35000	41300
25	32000	22600	28400	9600	3400	4970	48200	28800	34000	50000	38000	41800
26	37400	21600	27900	4800	400	2970	48200	29000	35400	50200	35200	42700
27	30600	12800	20700	10200	<100		47200	30000	36900	50000	39800	44900
28	30200	17000	22800	21800	<100		47800	31200	37200	49200	38800	44700
29	---	---	---	8000	2000	3450	45200	31000	36600	46800	39800	43200
30	---	---	---	5200	1200	2600	39200	31000	35500	46200	40800	43400
31	---	---	---	6200	2000	2670	---	---	---	45000	37800	42400
MONTH	39400	500	15300	34600	<100		48200	1800	20900	50200	28200	38300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	43800	36800	41100	38200	30000	33100	---	---	---	27500	9100	16200
2	42200	36000	40000	36800	30000	33000	---	---	---	23500	7400	11600
3	49800	35000	40400	44800	30000	34600	---	---	---	17200	5000	7770
4	47000	33800	40500	49000	32200	40700	---	---	---	15400	4200	6510
5	48200	34000	41000	44800	34000	39400	---	---	---	13700	3500	6080
6	48800	36000	42100	44000	34200	38900	---	---	---	20000	4500	7720
7	45800	37000	41600	42200	30100	36000	---	---	---	19000	5600	9690
8	44000	35200	39900	42800	35000	39000	---	---	---	17300	6000	10100
9	42200	35800	38200	40200	30100	35100	---	---	---	20000	4600	9460
10	45000	35000	38600	43000	32100	37600	---	---	---	---	---	---
11	44200	32800	37000	48100	37000	42200	---	---	---	---	---	---
12	38800	29800	33400	48100	30100	38000	---	---	---	---	---	---
13	35200	29200	31300	42100	30100	36200	---	---	---	---	---	---
14	34200	30000	31300	38100	31800	35100	---	---	---	---	---	---
15	37000	29800	32800	41900	32500	36100	---	---	---	---	---	---
16	36800	28200	32200	43500	31400	37100	---	---	---	---	---	---
17	34200	25000	31100	45700	33600	38700	---	---	---	---	---	---
18	50000	29200	34000	---	---	---	---	---	---	---	---	---
19	50000	30000	38800	---	---	---	---	---	---	---	---	---
20	51200	31000	40000	---	---	---	---	---	---	---	---	---
21	51200	33000	41200	---	---	---	---	---	---	---	---	---
22	50200	35000	42900	---	---	---	---	---	---	---	---	---
23	48200	37000	42400	---	---	---	---	---	---	---	---	---
24	47200	33200	40200	---	---	---	---	---	---	---	---	---
25	47200	33200	38900	---	---	---	---	---	---	---	---	---
26	50000	34000	40600	---	---	---	---	---	---	24000	17400	19800
27	46000	33000	39500	---	---	---	---	---	---	26400	15700	20500
28	41800	32000	36500	---	---	---	---	---	---	35100	18100	25500
29	37200	30800	33700	---	---	---	25700	13500	20900	38600	23700	30400
30	35200	30000	32000	---	---	---	25300	10600	19400	36000	24800	30600
31	---	---	---	---	---	---	25800	9800	17800	---	---	---
MONTH	51200	25000	37800	49000	30000	37100	25800	9800	19400	38600	3500	15100
YEAR	51200	<100	19100									

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°08'45'', long 79°19'22'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Gun Club, 1.3 mi downstream from Pleasant Creek, 9.0 mi northeast of McClellanville, and at mile 5.1.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected at times by regulation from Lake Marion (see sta 02171080) and rediversion from St. Stephens powerplant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.44 ft Nov. 6, 1975; minimum, 15.13 ft Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 23.40 ft Jun. 21; minimum 15.86 ft Jan. 28.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	22.13	17.90	22.67	18.75	22.42	18.21	21.48	17.33	21.10	16.65	21.83	16.99
2	21.98	17.89	22.13	18.12	21.36	17.66	21.63	17.73	21.09	16.32	21.58	17.00
3	21.68	17.68	22.36	18.43	21.53	17.62	21.23	17.07	20.96	16.59	21.36	16.62
4	21.32	17.61	22.08	18.11	21.62	17.95	21.17	17.38	21.56	16.70	21.22	16.99
5	21.32	17.58	21.62	17.83	21.35	17.84	21.92	16.61	21.65	16.55	21.50	16.96
6	21.83	17.97	21.81	17.84	21.24	17.53	21.72	16.53	21.79	16.47	21.47	16.22
7	21.83	18.20	21.73	17.77	21.55	17.68	21.64	16.61	21.82	16.79	21.32	16.21
8	22.15	18.85	22.10	17.65	22.21	17.64	22.07	16.69	22.01	16.32	21.67	16.21
9	22.15	18.30	22.36	18.17	22.29	17.63	22.02	16.61	22.18	16.96	21.53	16.53
10	22.20	18.05	22.65	18.02	22.51	17.46	22.26	16.66	22.38	16.99	21.21	16.30
11	22.34	17.52	22.62	17.51	22.67	17.47	22.91	17.31	22.02	16.84	21.00	16.19
12	23.13	17.88	22.76	17.28	22.71	17.59	22.45	17.28	21.71	17.01	21.19	16.28
13	23.09	18.50	22.93	17.37	22.74	17.55	21.58	16.61	21.19	16.74	21.15	16.51
14	23.10	18.31	22.90	17.32	21.65	17.27	21.71	16.79	21.16	17.36	21.28	16.89
15	22.92	17.86	22.65	17.34	22.59	17.67	21.54	16.92	20.89	16.69	20.70	16.59
16	22.82	17.54	22.68	17.70	22.08	17.71	21.07	17.14	20.95	17.57	20.67	16.98
17	22.84	17.63	21.92	17.56	21.52	17.41	20.80	17.00	21.15	17.80	20.68	17.19
18	22.84	18.15	21.89	17.43	20.78	17.31	20.48	17.38	21.21	17.37	20.81	17.59
19	22.34	18.09	21.68	17.84	20.96	17.72	21.18	16.71	21.17	17.75	20.97	17.04
20	22.03	17.67	21.36	17.64	21.31	17.36	20.36	16.94	21.42	17.94	20.32	17.10
21	22.04	17.83	21.30	17.78	21.00	17.44	20.86	17.06	21.97	17.34	21.03	17.38
22	21.96	18.08	21.82	17.26	21.36	17.47	21.26	16.86	21.63	17.24	21.28	17.24
23	22.06	18.03	21.89	17.28	20.89	17.39	21.14	16.80	22.20	17.48	21.73	17.22
24	21.97	17.98	22.08	18.29	20.98	17.33	22.16	17.42	22.43	17.51	21.68	16.93
25	21.96	17.85	22.04	18.18	20.98	17.07	22.39	17.73	22.02	17.17	22.11	16.92
26	22.31	17.89	22.05	18.05	20.85	16.74	22.09	17.34	22.38	17.31	22.20	16.98
27	22.42	18.53	21.72	17.75	20.67	16.90	21.47	16.13	21.74	16.61	22.32	16.94
28	22.32	18.08	21.82	17.61	20.91	16.90	21.18	15.86	21.96	17.07	22.58	17.17
29	22.82	18.82	21.93	17.73	21.51	17.09	21.52	16.51	---	---	22.13	16.94
30	23.07	19.31	22.08	17.90	21.71	17.08	21.18	16.22	---	---	21.94	16.98
31	22.66	18.66	---	---	21.57	17.35	21.03	16.57	---	---	21.91	16.92
MONTH	23.13	17.52	22.93	17.26	22.74	16.74	22.91	15.86	22.43	16.32	22.58	16.19

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	21.61	17.04	21.88	17.31	21.74	17.76	21.58	17.36	21.37	17.39	22.55	18.36
2	21.59	17.31	21.20	16.89	21.70	17.51	21.48	17.21	21.40	17.31	22.34	18.22
3	21.69	17.45	21.71	17.69	22.60	17.84	21.99	17.26	21.19	16.82	22.58	17.89
4	21.88	17.14	21.49	17.14	22.31	18.20	22.39	18.23	21.55	16.88	22.67	18.02
5	21.63	16.97	21.21	16.92	22.37	17.87	21.98	17.80	21.87	17.01	22.53	18.02
6	21.31	16.75	21.25	16.60	22.25	17.88	21.79	17.44	21.81	17.16	22.50	18.15
7	21.50	16.64	21.40	16.60	22.12	17.65	21.71	17.20	21.72	17.02	22.47	18.08
8	22.16	16.99	21.73	16.67	21.67	17.30	21.76	17.13	21.30	16.82	22.36	17.71
9	22.06	16.93	22.57	17.89	21.87	17.35	21.44	17.03	21.17	16.71	22.26	17.59
10	21.91	17.15	22.35	18.11	22.10	17.95	21.76	16.91	21.11	16.63	22.01	17.39
11	21.83	17.31	22.05	17.95	21.99	17.52	21.44	17.30	21.23	16.69	21.78	17.13
12	21.86	17.36	22.08	17.78	21.49	17.37	21.46	17.10	21.32	16.75	21.57	17.01
13	21.75	17.49	22.02	18.06	21.29	17.16	21.08	16.72	21.50	17.01	21.93	16.95
14	21.74	17.77	21.89	17.92	21.07	17.16	20.75	16.42	21.62	17.15	22.35	17.39
15	21.56	17.92	21.74	18.04	21.29	17.38	21.35	16.79	22.20	17.09	22.36	17.27
16	21.43	17.52	21.56	17.75	21.45	17.18	21.64	16.79	22.47	17.20	22.48	17.24
17	20.98	17.65	21.25	17.48	21.59	16.80	21.74	16.57	22.12	16.79	22.77	17.73
18	21.04	17.80	21.28	17.49	22.50	17.10	22.08	16.38	22.25	16.56	22.39	17.73
19	21.87	18.14	21.76	17.54	22.76	17.51	22.40	16.58	22.52	17.07	22.05	17.32
20	21.98	18.11	22.25	17.30	22.84	17.03	22.80	17.00	22.36	17.39	21.74	17.07
21	22.11	17.51	22.49	17.18	23.40	17.18	22.73	17.01	21.88	17.03	21.73	17.00
22	22.21	17.30	22.62	16.96	23.07	17.39	22.45	17.09	21.86	16.89	21.75	17.27
23	22.44	17.13	22.79	16.92	22.68	17.10	22.26	16.99	22.05	17.46	21.84	17.66
24	22.77	16.92	22.57	16.62	22.39	16.95	22.12	17.29	21.70	17.48	21.10	17.47
25	22.76	16.90	22.82	16.92	22.61	17.36	22.04	17.38	21.98	18.11	20.70	17.09
26	22.90	17.24	22.83	17.38	22.63	18.17	21.66	17.21	21.38	17.56	20.74	17.15
27	22.79	17.31	22.81	17.72	22.32	17.82	21.37	16.92	21.00	17.32	20.81	17.28
28	22.30	17.34	22.57	17.73	21.76	17.47	21.21	17.17	20.73	17.27	21.45	17.62
29	22.44	17.40	22.13	17.61	21.32	17.22	21.22	17.33	21.92	18.35	21.73	17.89
30	21.98	17.63	22.17	17.90	21.58	17.11	21.44	17.38	22.18	18.45	21.59	17.30
31	---	---	21.92	17.79	---	---	21.43	17.57	22.07	18.24	---	---
MONTH	22.90	16.64	22.83	16.60	23.40	16.80	22.80	16.38	22.52	16.56	22.77	16.95
YEAR	23.40	15.86										

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1979 to current year.

INSTRUMENTATION.--Servo Programmer January 1979-October 1982, USGS mini-monitor since October 1982.

REMARKS.--Minimum recordable value is 100 microsiemens.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 60,800 microsiemens, December 12, 1982; minimum, less than 100 microsiemens many days each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum 49,600 microsiemens, June 22, minimum, less than 100 many days during the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18800	900	6790	25700	100	6610	600	100	243	600	100	182
2	17200	800	6800	5800	100	1490	600	100	239	500	100	143
3	20500	100	8100	15500	100	2700	600	100	203	600	100	169
4	21900	1300	10600	4100	100	766	600	100	180	600	100	181
5	21200	100	9830	1000	100	526	600	100	167	1500	100	303
6	31400	4300	14000	800	100	420	600	100	181	1700	100	425
7	29500	10100	18500	800	100	452	600	100	166	1200	100	417
8	38700	10100	24300	900	100	428	600	100	157	9600	100	1200
9	40300	10300	23100	5200	100	792	600	100	191	10600	100	1110
10	39300	14200	24900	8900	100	1080	700	100	163	15800	100	1830
11	40100	10400	23500	15100	100	1590	2000	100	284	35700	100	7490
12	48300	11500	29700	29000	100	3890	1900	100	320	24800	100	3840
13	45500	20500	36400	28700	100	4230	5900	100	508	2000	100	831
14	46000	10300	31000	35700	100	5750	700	100	205	16000	100	5400
15	45900	4200	24400	25800	100	3350	11200	100	663	11600	100	3380
16	44900	4100	20600	21700	100	2810	15100	100	346	5900	100	1130
17	42000	300	18200	1900	100	558	600	100	167	1300	100	402
18	44900	4200	21800	700	100	390	500	100	165	1400	100	292
19	34600	200	18400	1300	100	402	31500	100	8810	9200	100	2440
20	25800	100	14000	700	100	444	21900	100	11800	14700	1500	6470
21	31500	9900	17500	700	100	374	11600	300	5400	18700	800	8250
22	31700	10200	20100	600	100	366	15600	100	5310	14500	100	5170
23	32000	11000	21200	700	100	257	600	100	189	11900	100	5270
24	31800	10600	20000	600	100	236	500	100	172	25600	100	8480
25	31700	10100	20600	700	100	229	600	100	186	25800	200	7140
26	41100	10300	25500	700	100	300	700	100	210	21900	200	4550
27	40500	11600	28700	900	100	322	600	100	171	5900	100	1630
28	38500	10100	26300	600	100	307	600	100	161	18200	400	10100
29	45300	15400	28800	600	100	334	600	100	153	15800	10500	12900
30	41900	9000	24800	600	100	299	600	100	176	12000	500	8250
31	31100	200	10600	---	---	---	600	100	161	11500	4800	10400
MONTH	48300	100	20300	35700	100	1390	31500	100	1210	35700	100	3860

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCELLANVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12000	700	8770	32800	2500	14300	1800	100	655	39500	19000	26700
2	9000	300	1970	24000	300	11800	1500	100	593	39400	18400	26600
3	8400	300	1610	19900	300	5150	3000	100	969	40300	20000	28700
4	2000	600	1470	13300	100	3790	10700	100	2000	33600	20200	27300
5	---	---	---	19400	200	6850	11000	100	2590	33800	20000	27000
6	---	---	---	20300	500	9120	19700	100	5980	39500	19600	27800
7	---	---	---	33500	300	15300	21300	200	7510	43500	20400	29300
8	---	---	---	33900	4000	19700	19400	300	4980	43700	20800	31800
9	---	---	---	30000	10300	19400	13800	300	2700	49500	23200	37700
10	---	---	---	29200	10100	18800	10900	100	2200	43800	29500	37000
11	---	---	---	32100	10700	20300	13800	200	3300	41900	30000	35500
12	---	---	---	34000	10300	21900	21800	100	4650	42900	21200	32100
13	---	---	---	31800	10300	20700	22700	200	9100	39700	21000	31200
14	11800	100	4360	32300	9200	18700	28100	1000	11700	38800	20500	30600
15	12600	200	2970	14000	200	7580	28300	9000	15600	33800	20200	28900
16	13900	100	5570	14000	200	5750	32600	10200	16800	33800	13900	28100
17	14000	1300	8280	14000	100	5160	31100	11100	20300	38400	20100	27900
18	19600	1400	10600	13900	200	3860	32900	18500	24000	40800	21500	30200
19	21500	9100	13200	23000	200	4370	33800	19800	27100	43400	22100	33900
20	23900	10100	16300	12400	200	3170	40300	20200	29200	48100	21700	34800
21	32000	10600	19800	9100	100	1670	41700	19600	31200	43700	22900	35900
22	30600	10100	18000	20400	100	659	41400	20200	29700	48300	20700	34700
23	40200	10500	21700	20500	100	746	43700	10600	28800	48300	23000	36400
24	39100	10200	22100	3400	100	620	43900	3700	26000	49500	21300	35800
25	32500	3400	17300	9000	200	1360	43400	10500	26200	43700	30000	37100
26	40300	2600	19500	14000	200	1780	43800	12600	29500	49400	28500	38400
27	28500	100	13300	21000	100	2300	42500	13300	30800	48100	22400	37700
28	31600	900	14200	23500	100	3580	42900	20000	30300	43900	21100	37000
29	---	---	---	20500	100	2030	39700	13500	27300	43900	30000	37700
30	---	---	---	3500	100	984	33900	19100	26700	43900	23600	38200
31	---	---	---	21200	100	1550	---	---	---	43800	30200	38800
MONTH	40300	100	11600	34000	100	8160	43900	100	15900	49500	13900	32900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	43900	29300	37500	43900	20500	34200	42100	22000	32100	13500	100	1860
2	43900	22600	35500	43500	23000	35000	41000	24100	30800	3500	100	977
3	48800	22800	35800	43800	20900	35100	44800	25200	31800	13400	100	1290
4	44000	28200	37400	43900	29000	37700	40500	22500	29900	21400	100	2130
5	48900	20800	34700	43900	28700	36300	41500	22400	29100	11400	100	2010
6	43600	20500	33700	42900	23400	33300	36200	23400	29700	13500	100	3220
7	42400	21900	31400	41900	23000	33200	36200	24200	29600	13400	100	4190
8	43300	22600	32000	42200	23100	32900	43000	23400	29800	13400	100	3580
9	41900	21500	30100	43900	23500	33800	41000	23100	29100	13400	100	2450
10	41800	20600	31100	41700	21100	33400	36600	14400	28800	10500	100	1670
11	42900	20300	30800	42000	22900	33200	36500	21000	29800	3500	100	1200
12	33700	20000	27000	41200	22500	32700	43800	22900	30500	2500	100	1010
13	43700	20000	29300	43900	20500	32600	36900	5800	24500	13100	100	2120
14	42800	19300	28900	43900	20200	32100	36200	5400	25300	19000	100	2190
15	42300	20400	30800	42000	20200	32600	42000	4800	24700	38000	100	3580
16	39600	18600	28300	41800	22300	32100	42700	16200	24400	19500	100	7330
17	38600	10500	24200	42200	20500	31800	36900	17300	23300	48000	100	12800
18	39600	11000	25400	44200	21500	32100	41700	19400	24200	19400	100	6980
19	43700	20200	32700	44400	21300	33000	42700	7400	23600	29000	100	7410
20	48200	20100	35100	44500	29600	35000	37600	13700	24200	31100	100	7650
21	48200	20300	33200	44600	29000	36200	36600	14300	19300	19000	100	4990
22	49600	18900	38100	44600	30500	36400	32200	6200	15500	---	---	---
23	43900	20300	35600	43400	30100	34400	32200	6100	16300	---	---	---
24	43600	20100	33500	42600	31000	34200	25900	14300	15300	---	---	---
25	42600	21000	32800	42600	31200	33100	33500	13300	15200	---	---	---
26	48000	12800	34300	40800	21900	29800	24400	5900	11600	29000	17400	21600
27	43600	20000	32000	39800	22400	31300	21600	2700	12300	36400	15300	24400
28	40900	20400	30200	42200	23100	32400	13900	500	7390	38800	17400	28600
29	43100	20800	31200	41800	24000	32900	3700	100	1760	40900	22800	31300
30	43700	20000	32500	42800	21800	32400	3400	100	1060	38100	20500	29800
31	---	---	---	41900	23000	31800	2500	100	692	---	---	---
MONTH	49600	10500	32200	44600	20200	33500	44800	100	21700	48000	100	8320
YEAR	49600	100	16200									

02172000 LAKE MOULTRIE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northeast of Pinopolis.

PERIOD OF RECORD.--January 1941 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1924 (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal (see sta 02170500) from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 33,170,000,000 ft³ between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 16,600,000,000 ft³. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 76.21 ft, Oct. 14, 1959 (affect by high wind); minimum, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.53 ft, Aug 28; minimum, 71.11 ft Jan. 8.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

68.0 ft	12.37 ft³
70.0 ft	16.47 ft³
72.0 ft	20.91 ft³

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.80	74.20	74.64	72.26	72.84	74.51	75.04	74.44	74.40	74.27	73.63	75.05
2	73.75	73.86	74.85	72.12	72.89	74.23	74.84	74.43	74.40	74.29	73.63	74.85
3	73.63	73.64	74.76	71.92	72.51	74.31	75.07	74.43	74.43	74.19	73.63	74.90
4	73.67	73.51	74.79	71.93	72.22	74.39	75.00	74.39	74.39	74.09	73.64	74.91
5	73.86	73.45	74.90	71.86	72.44	74.37	75.21	74.40	74.47	74.16	73.58	74.95
6	73.94	73.66	74.88	71.76	72.64	74.42	75.12	74.35	74.50	74.10	73.55	75.00
7	74.09	73.81	74.87	71.68	72.68	74.37	74.65	74.31	74.47	73.90	73.53	74.94
8	74.07	73.92	74.87	71.11	72.71	74.25	74.55	74.39	74.48	73.85	73.51	74.88
9	74.13	74.17	75.06	71.18	72.80	74.32	74.85	74.34	74.43	73.86	73.51	74.95
10	74.27	74.44	75.18	71.76	73.03	74.36	74.70	74.40	74.40	73.86	73.49	74.81
11	74.28	74.83	75.17	72.00	73.36	74.37	74.62	74.39	74.45	73.82	73.39	74.72
12	74.31	75.11	75.04	72.11	73.36	74.37	74.73	74.34	74.49	73.79	73.49	74.70
13	74.10	75.17	74.93	72.43	73.30	74.52	74.80	74.32	74.52	73.73	73.55	74.59
14	74.16	75.18	75.04	72.22	73.17	74.34	74.69	74.28	74.41	73.69	73.62	74.64
15	74.11	75.07	74.96	72.12	73.52	74.60	74.72	74.30	74.51	73.70	73.72	74.61
16	74.17	74.98	74.98	71.91	73.62	74.76	74.92	74.29	74.56	73.68	73.73	74.62
17	74.25	74.82	74.86	71.95	73.73	74.79	74.79	74.26	74.54	73.91	73.73	74.46
18	74.30	74.75	74.68	72.12	73.83	74.89	74.66	74.25	74.53	73.93	73.79	74.45
19	74.40	74.62	74.41	72.28	73.91	74.90	74.70	74.32	74.47	73.91	73.82	74.43
20	74.41	74.45	74.06	72.20	73.90	74.87	74.71	74.40	74.50	73.90	74.01	74.22
21	74.46	74.32	73.92	72.12	73.87	74.79	74.79	74.44	74.50	73.83	74.15	74.23
22	74.47	74.37	73.77	72.21	74.13	74.85	74.87	74.43	74.48	73.81	74.27	74.19
23	74.45	74.24	73.72	72.26	74.23	75.07	74.49	74.37	74.47	73.77	74.34	74.22
24	74.48	74.19	73.48	72.15	74.36	74.96	74.56	74.37	74.26	73.74	74.61	74.16
25	74.50	74.15	73.40	72.49	74.33	75.04	74.51	74.33	74.30	73.71	74.91	74.17
26	74.54	74.20	72.99	72.70	74.27	75.14	74.54	74.29	74.26	73.70	75.24	74.21
27	74.62	74.28	72.42	72.99	74.44	75.23	74.50	74.31	74.32	73.69	75.39	74.19
28	74.69	74.38	72.20	72.72	74.30	75.09	74.45	74.36	74.35	73.69	75.53	74.29
29	74.60	74.46	71.99	72.78	---	75.10	74.52	74.40	74.33	73.69	75.19	74.40
30	74.45	74.61	71.98	72.82	---	75.21	74.44	74.35	74.32	73.62	75.24	74.37
31	74.42	---	72.17	72.76	---	75.04	---	74.41	---	73.61	75.16	---
MAX	74.69	75.18	75.18	72.99	74.44	75.23	75.21	74.44	74.56	74.29	75.53	75.05
MIN	73.63	73.45	71.98	71.11	72.22	74.23	74.44	74.25	74.26	73.61	73.39	74.16
†	26.8	27.3	21.3	22.7	26.5	28.4	26.9	26.8	26.6	24.8	28.7	26.7
‡	597	193	-2240	523	1570	709	-579	-37	-77	-672	1460	-776

CAL YR 1985 ‡ 6.34 MAX 75.30 MIN 71.37
WTR YR 1986 ‡ 48.00 MAX 75.53 MIN 71.11

† CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
‡ CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC

LOCATION.--Lat 33°05'36", long 79°56'57", Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4.

PERIOD OF RECORD.--October 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April to current year.
pH: April to current year.
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: April to current year.

INSTRUMENTATION.--Servo Programmer August 1975 to April 1983. USGS water-quality monitor since April 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept. 17, 1985; minimum, 60 microsiemens, May 8, 1986.
pH: Maximum, 7.9 units, May 6, 1983; minimum, 6.3 units several days in Jun.-Aug. 1984 and May 5, Jul. 19, 1986.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 7, 1984; minimum 2.2 mg/L, Apl. 7, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 303 microsiemens, Dec. 11; minimum, 60 microsiemens, Mar. 8.
pH: Maximum, 7.2 units Oct. 1; minimum, 6.3 units, May 5, Jul. 19.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, minimum, 5.5°C, Jan. 28.
DISSOLVED OXYGEN: Maximum, 10.5 mg/L, Dec. 31; minimum, 2.2 mg/L, Apl. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	197	124	146	117	107	110	---	---	---	99	92	95
2	152	119	130	118	107	111	106	104	105	97	91	93
3	129	119	123	114	110	104	106	103	104	93	90	91
4	127	115	121	117	109	112	105	103	104	93	91	92
5	---	---	---	113	110	111	104	102	103	94	91	92
6	120	113	117	123	112	114	103	101	102	96	92	94
7	128	112	119	125	112	117	102	101	101	96	92	94
8	170	116	128	120	107	112	102	100	101	95	90	92
9	130	112	120	118	107	110	106	100	101	93	90	91
10	148	119	128	134	107	114	135	100	110	99	91	93
11	138	119	124	137	108	116	303	102	130	103	92	95
12	---	---	---	181	109	124	140	99	106	98	91	93
13	156	119	128	167	103	120	100	94	96	103	91	95
14	143	119	125	143	108	119	100	94	96	110	93	99
15	198	121	138	171	110	127	100	94	97	104	91	95
16	146	117	125	150	108	117	101	94	96	94	89	90
17	212	117	140	138	109	114	105	94	99	92	89	90
18	171	112	126	157	109	122	99	95	97	91	89	89
19	151	109	121	179	114	139	97	95	96	91	89	90
20	133	107	116	---	---	---	96	94	95	91	89	91
21	145	104	118	---	---	---	96	94	95	92	90	92
22	138	102	116	134	106	114	96	95	96	93	90	91
23	132	102	115	109	103	105	94	93	94	94	90	91
24	136	109	117	104	97	101	99	96	97	92	88	90
25	130	108	113	100	95	97	100	96	97	96	88	90
26	123	108	111	102	96	100	98	95	97	95	88	91
27	123	108	113	104	101	102	98	92	95	103	90	94
28	157	109	121	104	102	104	96	92	94	102	91	95
29	241	115	145	105	104	105	95	92	93	---	---	---
30	145	110	119	---	---	---	97	93	94	---	---	---
31	142	109	115	---	---	---	107	95	98	98	95	96
MONTH	241	102	123	181	95	113	303	92	100	110	88	93

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	98	96	96	96	95	96	110	103	106	112	105	109
2	99	97	99	98	96	97	109	100	104	114	105	109
3	101	98	100	100	96	98	103	100	101	112	106	109
4	102	98	99	104	98	100	104	100	102	110	107	108
5	102	98	99	102	96	99	103	99	101	118	108	112
6	102	96	98	101	95	98	107	104	105	127	108	115
7	100	95	97	98	72	89	110	101	106	115	107	111
8	99	96	97	97	60	86	106	101	104	113	93	108
9	100	97	98	98	79	91	106	102	104	117	108	111
10	100	96	98	100	89	97	107	102	104	119	108	112
11	100	95	97	---	---	---	104	102	103	116	107	110
12	99	92	96	101	96	98	107	102	104	112	106	109
13	94	90	92	101	97	98	110	105	107	117	107	110
14	92	90	92	100	96	97	111	106	108	118	107	110
15	96	92	93	104	96	98	110	105	108	---	---	---
16	97	93	95	104	98	100	117	105	109	116	107	111
17	95	93	94	102	98	99	108	103	106	116	108	111
18	96	94	95	99	97	98	106	102	104	114	109	111
19	96	94	95	100	98	99	105	103	104	117	110	112
20	96	94	95	102	98	100	113	105	107	121	109	113
21	95	93	94	104	98	101	142	108	115	---	---	---
22	96	93	94	99	96	98	117	105	109	131	111	117
23	98	95	96	100	95	97	112	104	107	138	110	118
24	103	97	98	101	95	98	108	103	105	135	111	118
25	103	92	97	101	97	99	110	103	106	132	111	118
26	99	95	96	101	98	99	109	105	107	150	113	125
27	100	95	96	102	99	100	119	105	110	162	112	124
28	100	95	97	103	99	100	116	105	109	174	112	126
29	---	---	---	101	98	99	111	105	108	157	113	127
30	---	---	---	104	99	100	258	106	111	156	111	122
31	---	---	---	105	102	103	---	---	---	133	112	118
MONTH	103	90	96	105	60	98	258	99	106	174	93	114

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	127	114	118	124	117	[illegible]	134	122	126	128	125	127
2	125	114	118	123	118	[illegible]	127	121	123	129	126	128
3	125	115	120	128	118	[illegible]	---	---	---	131	128	130
4	123	114	117	129	120	[illegible]	---	---	---	133	130	131
5	124	114	117	130	118	[illegible]	151	133	139	136	130	133
6	127	114	119	134	118	[illegible]	164	133	142	133	130	132
7	126	114	119	134	118	[illegible]	168	132	141	134	130	132
8	124	114	117	139	118	[illegible]	168	133	143	132	129	131
9	125	115	118	135	118	[illegible]	169	133	141	133	131	132
10	132	115	120	136	[illegible]	[illegible]	171	134	144	134	123	129
11	131	115	118	144	120	[illegible]	180	135	147	---	---	---
12	127	115	119	139	120	[illegible]	172	136	144	---	---	---
13	130	117	120	131	120	[illegible]	171	135	145	---	---	---
14	131	117	121	136	121	[illegible]	155	132	142	134	127	129
15	131	118	122	139	122	[illegible]	160	132	140	140	128	132
16	129	121	119	136	122	[illegible]	151	133	139	142	129	133
17	135	117	122	141	122	[illegible]	144	131	136	146	128	132
18	143	117	125	153	122	[illegible]	142	127	133	144	128	132
19	150	119	129	168	122	[illegible]	137	127	131	132	128	129
20	152	118	127	251	122	[illegible]	133	128	130	131	128	129
21	155	118	129	285	122	[illegible]	133	129	131	132	128	130
22	167	116	122	228	120	[illegible]	136	132	134	135	131	132
23	161	116	126	170	120	[illegible]	134	130	132	136	131	133
24	170	116	128	170	121	[illegible]	134	130	132	136	130	133
25	178	117	120	---	---	---	135	131	132	137	129	132
26	166	119	127	---	---	[illegible]	135	131	133	135	131	133
27	139	119	125	130	121	[illegible]	134	131	132	135	129	133
28	133	118	123	139	122	[illegible]	134	130	132	133	130	132
29	132	119	123	161	123	[illegible]	130	121	129	151	131	136
30	123	117	120	150	123	[illegible]	127	121	125	170	133	141
31	---	---	---	159	123	[illegible]	128	121	126	---	---	---
MONTH	170	114	122	285	117	[illegible]	180	121	135	170	123	132
YEAR	[illegible]	60	113									

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.2	6.9	6.9	6.8	---	---	6.9	6.8	7.1	7.0	7.0	6.9
2	7.1	6.8	6.8	6.7	6.8	6.7	6.9	6.8	7.0	6.9	7.1	6.9
3	6.9	6.7	---	---	6.9	6.7	6.9	6.8	7.0	6.9	7.1	6.9
4	6.8	6.6	6.8	6.7	7.0	6.8	6.9	6.8	7.0	6.9	7.0	6.9
5	---	---	6.8	6.7	6.9	6.8	6.9	6.8	7.0	6.9	6.9	6.8
6	6.9	6.7	6.9	6.8	6.9	6.8	6.9	6.9	6.9	6.8	7.0	6.8
7	7.1	6.8	6.9	6.8	7.0	6.9	6.9	6.8	6.9	6.7	7.0	6.9
8	7.0	6.8	7.0	6.9	7.0	6.9	7.1	6.9	6.9	6.6	7.1	6.9
9	7.1	6.8	7.1	6.9	7.0	6.9	7.0	7.0	6.7	6.6	7.1	6.9
10	7.0	6.8	7.1	6.9	7.1	6.9	7.0	6.9	6.7	6.6	7.0	6.8
11	6.9	6.8	7.1	6.9	7.1	6.9	6.9	6.8	6.6	6.5	---	---
12	---	---	7.1	6.9	6.9	6.8	7.0	6.9	6.7	6.5	---	---
13	6.9	6.6	7.0	6.8	---	---	7.0	6.8	7.0	6.5	---	---
14	7.0	6.7	7.0	6.8	---	---	7.0	6.9	7.1	6.8	6.7	6.6
15	6.9	6.8	7.0	6.8	---	---	7.0	6.9	7.0	6.7	6.7	6.4
16	6.9	6.7	7.0	6.8	---	---	7.0	7.0	6.8	6.7	6.6	6.4
17	6.9	6.7	6.9	6.8	6.9	6.7	7.0	6.9	6.9	6.7	6.7	6.5
18	6.9	6.7	7.0	6.8	6.8	6.7	7.0	6.8	6.9	6.7	6.7	6.5
19	6.9	6.7	6.9	6.8	6.9	6.8	6.9	6.8	6.9	6.8	6.6	6.5
20	6.9	6.7	---	---	6.9	6.8	6.9	6.8	7.0	6.8	6.6	6.5
21	6.8	6.7	---	---	6.9	6.8	6.9	6.9	7.0	6.8	6.6	6.5
22	6.8	6.7	6.8	6.7	7.0	6.9	6.9	6.9	6.9	6.7	6.7	6.6
23	6.8	6.7	6.7	6.6	---	---	6.9	6.8	6.8	6.6	6.7	6.6
24	6.9	6.8	6.6	6.5	7.0	6.9	7.0	6.8	6.8	6.6	6.7	6.6
25	6.9	6.8	6.6	6.5	7.0	6.9	7.0	6.8	6.8	6.6	6.6	6.5
26	7.0	6.8	6.7	6.5	7.1	7.0	6.9	6.8	7.0	6.8	6.6	6.5
27	7.0	6.8	6.7	6.6	7.1	7.0	6.9	6.8	6.9	6.8	6.6	6.5
28	6.9	6.8	6.8	6.7	7.0	6.9	7.0	6.9	7.0	6.8	6.7	6.6
29	7.0	6.8	6.8	6.7	6.9	6.8	---	---	---	---	6.7	6.6
30	6.9	6.8	---	---	6.9	6.8	---	---	---	---	6.7	6.6
31	6.8	6.7	---	---	6.9	6.8	7.1	7.0	---	---	6.6	6.6
MONTH	7.2	6.6	7.1	6.5	7.1	6.7	7.1	6.8	7.1	6.5	7.1	6.4

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.6	6.5	6.7	6.6	6.8	6.6	6.9	6.8	6.8	6.7	6.8	6.6
2	6.6	6.5	6.7	6.4	6.7	6.5	6.9	6.8	6.8	6.7	6.8	6.7
3	6.6	6.5	6.7	6.4	6.7	6.5	6.9	6.7	6.7	6.6	6.8	6.7
4	6.6	6.5	6.8	6.5	6.8	6.6	6.9	6.7	6.8	6.6	6.9	6.7
5	6.6	6.5	6.8	6.3	6.8	6.6	6.9	6.8	6.8	6.6	6.8	6.7
6	6.6	6.4	6.8	6.4	6.8	6.7	6.9	6.7	6.9	6.6	6.8	6.6
7	6.6	6.4	6.7	6.6	6.8	6.6	6.9	6.7	6.9	6.7	7.0	6.6
8	6.6	6.5	6.7	6.4	6.9	6.7	6.9	6.7	6.9	6.7	7.1	6.7
9	6.7	6.5	6.9	6.5	6.9	6.7	7.0	6.8	6.8	6.6	7.0	6.7
10	6.8	6.6	6.9	6.6	6.8	6.6	6.9	6.7	6.9	6.7	7.1	6.8
11	6.8	6.6	6.9	6.6	6.8	6.6	6.9	6.7	6.9	6.6	---	---
12	6.8	6.6	6.9	6.6	6.8	6.7	6.9	6.7	6.8	6.6	---	---
13	6.7	6.4	6.8	6.6	---	---	6.9	6.8	6.8	6.6	---	---
14	6.7	6.5	6.8	6.6	6.8	6.6	6.9	6.7	6.7	6.6	6.9	6.7
15	6.7	6.5	---	---	6.7	6.6	6.8	6.7	6.7	6.6	7.0	6.7
16	6.7	6.4	6.8	6.6	6.7	6.7	6.8	6.7	6.8	6.7	7.0	6.8
17	6.7	6.6	6.7	6.6	6.8	6.6	6.7	6.7	6.9	6.7	7.1	6.9
18	6.8	6.6	6.8	6.6	6.8	6.6	6.7	6.6	6.9	6.5	7.1	6.8
19	7.0	6.7	6.8	6.4	6.9	6.7	6.8	6.3	6.8	6.6	7.1	6.8
20	7.0	6.7	6.8	6.6	6.9	6.7	6.7	6.6	6.7	6.6	7.1	6.8
21	6.8	6.5	---	---	6.9	6.6	6.8	6.6	6.7	6.6	7.0	6.7
22	6.9	6.4	6.8	6.6	7.0	6.6	6.7	6.6	6.7	6.6	6.9	6.7
23	7.0	6.5	7.0	6.5	7.0	6.7	6.8	6.5	6.8	6.6	7.0	6.8
24	7.0	6.7	7.0	6.5	7.0	6.7	6.8	6.5	6.9	6.6	6.9	6.7
25	7.1	6.7	6.8	6.5	6.9	6.6	---	---	6.9	6.7	6.8	6.6
26	6.9	6.5	6.8	6.4	7.0	6.7	---	---	6.9	6.7	6.8	6.7
27	6.9	6.4	6.8	6.6	6.8	6.7	6.7	6.5	6.8	6.6	6.9	6.7
28	6.8	6.5	6.8	6.6	6.8	6.7	6.8	6.6	6.8	6.6	6.8	6.7
29	6.7	6.5	6.8	6.6	6.8	6.6	6.8	6.6	6.8	6.6	6.9	6.7
30	7.1	6.5	6.7	6.6	6.8	6.7	6.9	6.7	6.8	6.6	6.9	6.7
31	---	---	6.9	6.6	---	---	6.8	6.7	6.7	6.6	---	---
MONTH	7.1	6.4	7.0	6.3	7.0	6.5	7.0	6.3	6.9	6.5	7.1	6.6
YEAR	7.2	6.3										

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	23.5	24.0	21.5	20.5	21.0	---	---	---	10.0	9.5	9.5
2	24.5	24.0	24.0	20.5	20.5	20.5	19.5	18.5	19.0	9.5	9.0	9.5
3	24.5	24.0	24.0	20.5	20.0	18.5	18.5	16.5	17.5	10.0	9.5	9.5
4	24.5	24.0	24.5	20.5	20.0	20.5	16.5	16.0	16.0	10.0	9.5	10.0
5	---	---	---	20.0	18.5	19.0	16.0	15.0	15.5	10.0	9.5	10.0
6	24.0	23.0	23.5	18.5	17.5	18.0	15.5	14.5	15.0	9.5	9.0	9.5
7	23.0	22.0	22.5	18.5	17.5	18.0	15.0	14.0	14.5	10.0	9.5	9.5
8	22.5	21.0	22.0	18.5	18.0	18.5	14.0	13.5	13.5	9.5	8.5	9.0
9	23.0	22.0	22.5	18.0	17.5	18.0	14.0	13.0	13.5	8.5	8.0	8.0
10	23.5	22.5	23.0	18.5	17.5	18.0	14.0	13.0	13.5	8.5	8.0	8.0
11	23.5	23.0	23.5	19.0	18.0	18.5	14.5	13.5	14.0	9.0	8.0	8.5
12	---	---	---	19.5	19.0	19.0	14.5	14.0	14.0	9.0	8.0	8.5
13	23.5	23.0	23.0	19.5	18.5	19.0	---	---	---	9.0	8.5	8.5
14	24.0	23.0	23.5	19.0	18.0	19.0	---	---	---	8.5	8.0	8.5
15	24.5	23.5	24.0	19.5	18.5	19.0	---	---	---	8.5	6.5	8.0
16	24.5	23.5	24.0	20.0	18.5	19.0	---	---	---	8.5	8.0	8.0
17	24.5	23.5	24.0	19.5	19.0	19.0	12.0	10.5	11.5	9.5	8.5	8.5
18	24.0	23.0	23.5	20.5	19.0	19.5	12.0	11.0	11.0	9.5	8.5	9.0
19	24.0	23.0	23.5	20.5	19.5	20.0	12.5	11.0	12.0	9.5	9.0	9.5
20	24.0	23.5	23.5	---	---	---	12.5	11.5	12.0	9.5	9.0	9.5
21	24.5	24.0	24.0	---	---	---	12.0	10.5	11.5	9.5	9.0	9.5
22	24.0	23.5	24.0	20.5	18.5	19.5	11.0	10.5	10.5	10.0	9.5	9.5
23	23.5	23.0	23.5	18.5	18.5	18.5	---	---	---	10.0	9.5	10.0
24	24.0	23.5	23.5	18.5	18.0	18.0	12.0	10.5	11.0	9.5	8.5	9.0
25	24.0	23.5	24.0	18.0	18.0	18.0	11.5	10.5	11.5	9.0	9.0	9.0
26	24.0	23.5	23.5	19.0	18.0	18.5	10.5	9.0	9.5	9.0	9.0	9.0
27	23.5	22.5	23.0	19.5	18.5	19.0	9.5	8.5	9.0	9.0	7.0	8.0
28	23.0	22.5	23.0	20.0	19.5	19.5	9.5	9.0	9.0	7.0	5.5	6.0
29	22.5	21.0	22.0	20.0	19.5	20.0	9.5	9.0	9.5	---	---	---
30	21.5	20.5	21.0	---	---	---	9.5	9.0	9.5	---	---	---
31	21.0	20.5	21.0	---	---	---	9.5	9.0	9.0	7.5	6.5	7.0
MONTH	25.0	20.5	23.5	21.5	17.5	19.0	19.5	8.5	12.5	10.0	5.5	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.0	7.5	12.0	11.0	11.5	19.0	17.5	18.5	23.5	21.5	22.5
2	9.0	7.5	8.0	12.0	10.5	11.0	18.0	16.5	17.0	---	---	---
3	9.5	8.5	9.0	12.5	11.5	12.0	18.0	16.0	17.0	25.0	21.0	22.5
4	10.5	9.5	9.5	12.5	12.0	12.5	18.0	16.0	17.5	24.0	21.0	22.0
5	10.5	9.5	10.0	12.5	11.5	12.0	19.0	16.0	17.5	---	---	---
6	10.5	9.5	10.0	12.5	12.0	12.0	21.5	18.5	20.0	---	---	---
7	10.5	9.5	10.0	13.0	11.5	12.0	23.0	17.5	20.0	24.5	22.0	23.0
8	10.5	9.5	10.0	12.5	11.5	12.0	20.0	17.5	18.5	24.0	22.0	23.0
9	11.0	10.0	10.5	13.0	11.5	12.0	19.5	18.5	19.0	24.5	23.5	24.0
10	11.0	10.5	10.5	16.0	12.5	14.0	19.0	17.0	18.0	24.0	22.5	23.5
11	12.0	10.5	11.5	---	---	---	19.5	17.5	18.5	23.0	21.5	22.5
12	12.0	10.5	11.5	---	---	---	20.0	18.5	19.0	23.5	22.0	23.0
13	11.0	9.5	10.0	16.0	14.5	15.5	22.5	19.5	20.5	23.5	22.5	23.0
14	10.0	9.0	9.5	16.0	14.0	15.0	22.5	20.0	21.0	23.5	22.0	23.0
15	10.5	9.5	10.0	16.0	14.0	14.5	22.5	20.0	20.5	---	---	---
16	11.0	10.0	10.5	16.0	15.0	15.5	24.0	20.0	21.5	24.0	23.0	23.5
17	12.0	10.5	11.0	16.5	15.5	16.0	21.0	18.5	19.5	24.5	23.0	23.5
18	12.5	11.0	12.0	16.5	15.5	16.0	19.5	17.5	19.0	25.0	23.0	24.0
19	12.5	11.5	12.0	17.0	16.0	16.5	20.5	18.5	19.5	25.0	23.5	24.0
20	13.0	12.0	12.5	17.0	15.0	16.0	22.5	19.0	20.5	24.5	23.5	24.0
21	15.0	12.0	13.5	15.5	15.0	15.0	---	---	---	---	---	---
22	14.0	12.0	13.0	15.0	14.0	14.5	22.5	19.5	21.0	26.0	24.0	24.5
23	14.5	13.5	14.0	15.0	13.0	14.0	21.5	18.5	20.0	---	---	---
24	14.5	13.5	14.0	16.0	14.0	15.0	20.0	18.5	19.0	---	---	---
25	14.5	12.0	13.0	15.5	15.0	15.5	20.5	18.5	19.5	---	---	---
26	12.5	11.5	12.0	16.0	14.5	15.5	23.5	19.5	21.0	---	---	---
27	13.0	12.0	12.5	16.5	15.5	16.0	---	---	---	25.5	24.5	25.0
28	12.5	12.0	12.5	16.5	15.5	16.0	24.0	21.0	22.0	26.5	25.0	25.5
29	---	---	---	16.5	15.0	15.5	22.5	21.0	21.5	26.0	25.0	25.5
30	---	---	---	17.5	16.0	16.5	23.5	21.0	22.0	26.5	25.5	25.5
31	---	---	---	19.0	17.0	17.5	---	---	---	27.0	25.5	26.5
MONTH	16.5	7.0	11.0	19.0	10.5	14.5	24.0	16.0	19.5	27.0	21.0	24.0

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1935 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.5	27.0	29.0	28.5	29.0	30.5	30.0	30.5	25.0	24.0	24.5
2	27.5	26.5	27.0	29.5	29.0	29.0	30.0	29.5	29.5	25.0	24.5	25.0
3	27.5	25.5	26.0	29.5	28.5	29.0	---	---	---	25.0	24.5	25.0
4	25.5	24.5	25.0	29.5	29.0	29.0	---	---	---	25.5	24.5	25.0
5	26.0	25.0	25.5	29.0	28.5	28.5	30.5	29.0	30.0	25.5	24.5	25.0
6	26.5	25.5	26.0	29.0	28.0	28.5	30.5	29.5	30.0	25.0	24.5	24.5
7	27.5	26.0	26.5	29.5	28.5	29.0	30.5	29.0	30.0	25.5	24.5	25.0
8	28.0	27.0	27.5	30.5	29.0	29.5	31.0	29.5	30.0	26.0	25.0	25.5
9	28.5	27.5	28.0	30.5	29.5	30.0	31.0	29.5	30.0	26.0	25.0	25.5
10	28.0	27.5	28.0	30.5	24.0	30.0	31.0	30.0	30.5	25.5	25.0	25.5
11	28.0	27.0	28.0	30.0	29.5	30.0	30.5	30.0	30.5	---	---	---
12	28.5	28.0	28.0	30.5	29.5	30.0	30.0	29.5	29.5	---	---	---
13	29.0	28.5	28.5	30.5	29.5	30.0	29.5	28.5	29.0	---	---	---
14	29.0	28.0	28.5	30.0	29.5	30.0	29.0	28.0	28.0	26.5	26.0	26.5
15	28.0	27.5	28.0	30.5	29.5	30.0	28.0	27.5	28.0	27.0	25.5	26.5
16	27.5	27.0	27.5	30.5	29.5	30.0	29.0	27.5	28.5	26.5	26.0	26.5
17	28.0	27.0	27.5	30.0	29.0	29.5	29.5	28.5	29.0	26.5	25.5	26.0
18	28.0	27.5	28.0	30.5	29.5	30.0	30.0	29.0	29.5	26.0	25.0	25.5
19	28.0	27.5	27.5	31.0	30.0	30.5	29.0	28.0	28.5	26.0	25.0	25.5
20	28.5	27.5	28.0	31.5	30.0	31.0	28.0	27.5	28.0	27.0	25.5	26.0
21	29.5	27.5	28.5	32.5	30.0	31.0	28.5	27.5	28.0	27.0	26.0	26.5
22	28.5	27.0	28.0	30.5	29.0	29.5	29.5	28.0	28.5	27.0	26.0	26.5
23	29.0	27.5	28.0	29.5	28.5	29.0	29.0	28.5	28.5	27.0	26.0	26.5
24	29.5	28.0	28.5	30.5	29.5	29.5	29.5	28.5	29.0	27.0	26.5	26.5
25	29.5	28.0	28.5	---	---	---	29.5	28.5	29.0	27.0	26.5	26.5
26	30.0	28.5	29.0	---	---	---	29.0	28.0	28.5	27.5	27.0	27.0
27	29.5	29.0	29.0	29.5	29.0	29.0	28.5	28.0	28.5	27.0	27.0	27.0
28	29.0	28.5	28.5	30.0	29.5	29.5	29.0	28.0	28.5	27.5	27.0	27.0
29	29.5	28.5	29.0	30.0	30.0	30.0	28.0	25.0	26.5	28.0	27.0	27.5
30	29.5	28.5	29.0	30.0	29.5	30.0	25.5	24.0	25.0	28.0	27.5	28.0
31	---	---	---	30.5	30.0	30.0	25.0	24.0	24.5	---	---	---
MONTH	30.0	24.5	27.5	32.5	24.0	29.5	31.0	24.0	28.5	28.0	24.0	26.0
YEAR	32.5	5.5	20.5									

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.4	5.7	6.0	6.5	6.0	6.3	6.5	5.8	6.1	9.4	8.9	9.2
2	6.3	4.8	5.3	6.4	5.6	6.0	6.4	5.4	6.2	9.4	9.0	9.2
3	5.5	4.3	4.9	6.3	5.4	5.7	6.4	5.7	6.1	9.2	8.7	9.0
4	5.5	4.1	4.7	6.3	5.7	6.0	7.0	6.2	6.5	9.3	8.8	9.1
5	5.8	4.5	5.1	6.4	5.8	6.1	7.2	6.5	6.8	9.2	8.6	8.9
6	5.8	4.9	5.3	7.3	6.3	6.6	7.8	6.7	7.3	9.3	8.5	9.1
7	6.5	5.2	5.7	6.9	6.6	6.8	8.5	7.4	7.8	9.1	8.8	8.9
8	6.4	5.6	6.0	7.4	6.6	6.9	8.7	8.2	8.4	9.2	8.5	8.8
9	6.7	5.7	6.2	7.7	6.7	7.3	8.7	8.0	8.3	9.4	8.8	9.2
10	6.6	5.8	6.2	7.7	7.0	7.4	9.0	8.3	8.6	9.2	8.4	8.8
11	6.3	5.6	6.0	7.8	7.1	7.4	8.9	8.3	8.6	9.5	8.6	9.1
12	6.2	5.6	5.9	7.6	7.1	7.3	8.4	7.5	7.7	9.7	9.2	9.4
13	7.2	5.6	6.3	7.7	6.6	7.2	7.8	7.1	7.6	9.6	9.1	9.3
14	7.4	6.2	6.8	7.6	6.7	7.2	---	---	---	9.7	9.4	9.5
15	7.2	5.5	6.4	7.5	6.7	7.1	---	---	---	10.4	9.4	9.8
16	6.7	5.6	6.1	7.6	6.7	7.0	8.4	8.1	8.2	10.1	9.7	9.9
17	6.3	5.4	5.9	7.6	6.3	6.9	8.5	7.8	8.2	10.1	9.4	9.8
18	6.3	5.2	5.8	7.3	6.5	6.9	8.8	7.9	8.4	9.5	8.9	9.3
19	6.4	5.6	6.0	7.0	6.3	6.7	8.8	7.8	8.4	9.1	8.5	8.8
20	6.4	5.4	5.9	6.5	5.8	6.1	8.6	7.7	8.0	8.7	8.4	8.6
21	6.2	5.6	5.9	5.9	5.6	5.8	8.6	8.2	8.4	8.7	8.1	8.4
22	6.1	5.7	5.9	6.4	5.5	6.0	8.8	8.4	8.6	9.1	8.4	8.7
23	6.3	5.6	5.9	6.1	5.5	5.8	8.8	8.2	8.5	8.8	8.6	8.7
24	6.3	5.3	5.9	5.9	5.2	5.6	8.9	8.5	8.7	9.1	8.4	8.8
25	6.6	5.5	6.2	5.8	5.5	5.7	8.8	8.1	8.4	9.1	8.8	8.9
26	6.6	5.6	6.1	6.5	5.7	6.0	9.4	8.5	9.0	9.0	8.7	8.8
27	6.4	5.7	5.9	7.0	5.8	6.4	9.8	9.0	9.4	9.2	8.6	8.8
28	6.0	5.3	5.7	6.7	5.9	6.4	9.6	9.3	9.4	9.7	9.0	9.3
29	6.5	4.3	5.8	6.4	5.8	6.1	9.7	8.8	9.3	9.7	9.6	9.6
30	6.5	5.5	6.1	---	---	---	10.0	9.3	9.6	10.1	9.6	9.8
31	6.4	5.8	6.1	---	---	---	10.5	9.2	9.8	10.1	9.6	9.9
MONTH	7.4	4.1	5.9	7.8	5.2	6.5	10.5	5.4	8.2	10.4	8.1	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.9	9.5	9.7	8.0	7.4	7.7	7.8	5.1	6.7	7.3	6.1	6.9
2	9.6	8.8	9.1	8.2	7.6	7.8	8.4	4.6	7.1	7.5	6.0	7.1
3	9.5	9.1	9.3	8.2	7.7	8.1	9.0	8.0	8.2	7.4	5.4	6.9
4	9.4	9.0	9.2	7.8	7.2	7.6	8.8	5.6	7.3	7.4	5.2	6.6
5	9.4	9.0	9.2	7.4	7.0	7.2	8.2	4.9	7.6	7.5	5.6	6.8
6	9.2	8.2	8.7	7.6	7.1	7.3	7.8	6.2	7.0	7.4	6.7	7.1
7	9.2	8.4	8.8	7.8	7.0	7.2	8.2	2.2	5.7	7.1	5.2	6.5
8	9.2	7.9	8.2	7.7	6.7	7.2	8.2	5.1	7.0	7.4	5.7	6.4
9	8.3	7.6	8.0	7.3	6.9	7.1	8.2	6.0	7.3	7.4	3.6	6.4
10	8.2	7.5	7.8	8.7	6.0	6.8	7.9	5.3	7.1	7.3	4.6	6.5
11	8.0	7.4	7.7	7.6	6.0	4.9	7.6	4.9	6.1	7.2	5.8	6.8
12	8.2	7.2	7.6	9.0	6.3	6.0	7.4	5.1	6.3	7.2	5.6	6.6
13	9.1	7.7	8.4	8.7	5.9	7.2	7.4	3.6	6.5	6.7	5.1	6.3
14	9.2	8.5	8.9	7.6	6.0	6.3	7.3	5.1	6.6	7.1	5.0	6.5
15	9.1	8.2	8.7	8.2	5.0	6.5	7.2	5.5	6.7	7.1	5.0	6.5
16	8.8	8.4	8.6	8.3	4.5	6.0	7.9	5.7	6.9	7.0	5.0	6.4
17	8.8	8.3	8.5	8.5	4.7	6.3	7.9	6.6	7.7	6.8	5.6	6.3
18	8.7	7.9	8.2	6.8	4.8	5.2	8.2	7.6	8.0	7.0	4.1	6.3
19	8.9	7.9	8.3	7.8	4.5	5.2	8.2	7.5	8.0	6.8	5.2	6.3
20	9.2	8.2	8.8	8.3	4.2	5.7	8.1	7.3	7.8	6.6	4.5	6.1
21	9.0	8.3	8.7	9.0	5.1	6.5	8.1	7.7	7.9	6.6	4.0	6.0
22	8.5	7.8	8.1	6.6	5.8	6.1	8.1	5.4	7.3	6.9	4.6	5.7
23	7.5	7.1	7.6	7.8	6.2	6.7	8.4	6.1	7.8	7.0	4.2	5.5
24	7.7	7.0	7.3	9.8	5.5	7.1	8.6	7.9	8.2	7.0	4.0	6.0
25	7.8	7.1	7.5	9.0	5.4	6.9	8.2	7.1	7.8	6.8	5.5	6.2
26	8.4	7.8	8.1	9.5	6.4	7.3	8.3	6.8	7.5	6.8	5.2	6.0
27	8.5	7.1	7.6	7.6	5.7	6.3	7.9	6.7	7.3	6.6	4.5	5.8
28	7.9	7.2	7.6	6.8	5.5	5.9	7.6	5.2	6.8	6.5	4.6	5.6
29	---	---	---	7.6	5.9	6.3	7.4	5.9	6.9	6.4	4.6	5.7
30	---	---	---	7.8	5.6	6.4	7.9	6.0	7.1	6.2	4.3	5.3
31	---	---	---	8.0	5.3	6.7	---	---	---	6.0	3.9	5.5
MONTH	9.9	7.0	8.4	9.8	4.2	6.6	9.0	2.2	7.2	7.5	3.6	6.3

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.9	4.9	5.2	5.0	4.2	4.6	3.4	2.9	3.1	3.4	3.0	3.2
2	5.7	4.4	5.2	4.9	4.2	4.5	3.4	2.9	3.2	3.4	3.0	3.2
3	5.9	3.6	5.1	4.8	3.9	4.4	3.4	2.8	3.1	3.7	3.0	3.4
4	5.8	3.6	4.7	4.7	3.9	4.3	3.9	2.9	3.4	4.1	3.5	3.8
5	6.2	5.2	5.6	4.7	4.0	4.2	3.8	3.2	3.5	4.3	3.2	4.0
6	7.3	5.2	6.2	4.7	3.9	4.3	3.8	3.2	3.5	4.9	4.2	4.5
7	7.0	5.0	6.4	4.6	3.7	4.4	3.7	3.1	3.5	5.3	4.6	4.9
8	6.9	5.2	6.4	4.6	3.7	4.3	3.7	3.2	3.5	5.7	5.1	5.4
9	6.7	5.1	6.1	5.2	4.3	4.6	3.7	3.3	3.6	6.1	5.5	5.8
10	6.6	4.4	5.2	4.7	4.0	4.4	3.7	3.4	3.6	7.1	4.6	5.9
11	7.0	4.8	5.9	4.5	3.3	4.3	3.7	3.3	3.6	---	---	---
12	7.0	5.0	6.1	4.4	3.6	4.2	3.7	3.3	3.6	---	---	---
13	6.6	5.0	6.0	4.3	3.8	4.2	3.7	2.9	3.6	---	---	---
14	6.4	4.8	6.0	4.3	3.6	4.1	4.0	3.2	3.6	6.8	5.0	6.1
15	6.2	4.5	5.7	4.3	3.5	4.1	3.6	2.9	3.4	6.9	5.2	6.4
16	6.0	4.8	5.3	4.8	3.4	4.0	3.5	2.9	3.3	6.7	5.1	6.0
17	5.9	4.4	5.1	4.2	3.6	3.9	3.5	3.0	3.2	6.9	5.2	5.8
18	6.1	4.3	5.2	4.1	3.5	3.9	3.4	2.4	3.2	7.0	4.4	5.6
19	5.8	4.3	5.2	4.1	3.3	3.9	3.4	2.9	3.2	6.9	5.6	6.3
20	5.5	4.4	5.2	4.1	3.3	3.7	3.3	2.8	3.1	6.9	5.4	6.2
21	5.9	4.2	5.2	4.5	3.6	3.9	3.3	2.8	3.2	6.7	5.4	6.2
22	5.5	4.0	5.0	4.1	3.4	3.8	3.3	2.9	3.1	6.5	5.3	6.2
23	5.5	4.6	5.2	4.0	3.0	3.5	3.3	2.8	3.1	6.3	5.2	6.0
24	5.3	4.4	5.0	4.0	3.1	3.7	3.2	2.8	3.0	6.8	5.1	5.9
25	5.4	4.5	5.0	4.0	3.4	3.6	3.2	2.9	3.1	6.4	4.7	6.0
26	5.4	4.2	4.8	3.9	3.4	3.7	3.1	2.7	3.0	6.4	4.8	5.8
27	5.4	4.4	5.0	3.9	3.3	3.7	3.5	2.8	3.1	6.4	4.9	5.8
28	5.1	4.2	4.9	3.9	3.4	3.8	3.2	2.9	3.1	6.3	5.0	5.6
29	5.0	3.5	4.7	4.3	3.3	3.7	3.3	2.9	3.1	6.3	4.4	4.8
30	5.3	4.4	4.8	3.4	3.0	3.3	3.4	2.9	3.2	6.4	4.6	5.8
31	---	---	---	3.4	2.9	3.1	3.4	3.0	3.2	---	---	---
MONTH	7.3	3.5	5.4	5.2	2.9	4.0	4.0	2.4	3.3	7.1	3.0	5.4
YEAR	10.5	2.2	6.3									

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02172025 COOPER RIVER AT INLET TO BACK RIVER NEAR KITTREDGE, SC

LOCATION.--Lat 33°05'05", long 79°56'47", Berkeley County, Hydrologic Unit 03050201, on right bank at mouth of Durham Canal, 1.3 mi downstream of Seaboard Coast Line Railroad bridge and at mile 33.2.

PERIOD OF RECORD.--October 1980 to September 1986. (discontinued)

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to September 1986. (discontinued)

INSTRUMENTATION.--USGS mini-monitor since October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 629 microsiemens Sept. 17, 1985; minimum, 48 microsiemens Mar. 18, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 536 microsiemens Jul. 25; minimum, 78 microsiemens May. 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1955 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	279	173	217	273	133	170	117	102	108	131	110	120
2	226	157	188	171	122	137	104	101	103	131	120	126
3	163	145	154	151	127	135	114	102	104	133	121	126
4	153	142	146	148	125	134	116	103	105	126	114	120
5	149	139	144	157	123	133	125	104	106	129	121	124
6	140	131	136	181	125	139	115	102	106	131	113	124
7	245	134	159	193	135	157	104	101	103	142	118	129
8	301	162	207	175	140	155	115	101	104	143	114	130
9	179	137	151	185	126	132	129	101	110	165	139	152
10	231	153	180	263	144	172	208	104	[illegible]	170	129	152
11	191	133	154	246	135	177	490	126	232	220	160	183
12	253	136	174	380	141	214	273	106	163	206	169	186
13	261	140	181	384	143	212	151	100	117	216	184	201
14	439	151	229	257	137	187	117	100	106	251	172	222
15	254	149	189	361	147	204	119	99	106	224	165	194
16	400	159	231	280	125	173	119	100	107	202	170	191
17	[illegible]	146	201	209	124	155	119	101	108	208	175	193
18	299	145	186	240	122	167	115	99	105	211	152	179
19	200	138	167	269	159	204	101	96	98	188	157	172
20	228	148	181	178	129	153	108	96	98	172	129	152
21	221	161	179	182	125	151	97	96	96	180	128	161
22	---	---	---	204	109	136	111	96	100	189	147	171
23	---	---	---	121	104	111	101	97	98	196	175	182
24	199	138	160	119	98	106	116	97	102	193	177	184
25	226	138	166	101	91	96	115	98	102	220	188	197
26	228	125	152	109	92	99	123	99	106	223	[illegible]	208
27	210	127	158	113	95	102	112	101	105	237	108	197
28	215	132	156	110	97	102	107	101	104	195	130	158
29	276	133	188	118	99	103	112	105	108	151	123	139
30	528	161	253	116	103	105	121	104	112	143	119	131
31	390	142	211	---	---	---	176	110	127	138	123	130
MONTH	528	125	179	384	91	148	490	96	113	251	108	162

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02172025 COOPER RIVER AT INLET TO BACK RIVER NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	127	114	121	121	115	117	139	107	117	132	111	119
2	124	106	117	118	113	115	125	104	110	118	114	116
3	117	102	112	123	111	115	109	103	106	123	114	117
4	119	101	110	121	113	115	113	104	107	126	113	119
5	135	100	109	118	112	114	110	104	106	241	116	137
6	113	97	104	115	109	112	121	106	110	135	116	125
7	106	101	103	118	108	111	115	108	111	132	115	121
8	109	88	97	112	102	106	116	106	108	117	100	109
9	98	95	97	106	102	104	114	106	109	122	98	108
10	101	94	97	111	104	106	111	106	109	151	87	106
11	104	96	100	118	102	108	110	106	108	147	78	98
12	107	98	103	105	98	102	115	107	108	142	89	110
13	104	99	100	103	98	100	117	108	111	157	79	116
14	102	97	100	105	97	100	129	110	115	189	94	136
15	108	97	101	112	99	103	116	108	112	207	128	159
16	105	97	100	103	98	100	115	109	111	210	135	160
17	108	100	102	102	98	99	111	108	110	181	132	150
18	111	103	105	103	97	99	110	107	109	167	114	134
19	110	104	107	106	98	100	113	107	109	153	98	125
20	112	107	110	108	99	101	157	109	120	207	87	132
21	114	110	113	115	100	102	315	120	166	220	107	138
22	117	109	112	102	97	99	184	125	138	225	120	149
23	124	111	116	103	96	99	152	127	137	263	123	161
24	146	118	127	105	98	101	141	124	127	216	119	155
25	146	124	131	110	99	102	160	127	137	218	120	145
26	149	124	131	111	101	103	146	128	135	267	127	177
27	149	121	130	113	101	105	184	135	148	379	162	214
28	128	117	122	129	100	106	183	140	153	364	131	189
29	---	---	---	109	100	102	152	133	143	303	132	183
30	---	---	---	112	101	105	139	114	123	284	142	176
31	---	---	---	117	103	109	---	---	---	184	125	146
MONTH	149	88	110	129	96	105	315	103	120	379	78	140

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	179	123	145	146	119	130	171	129	148	126	112	118
2	169	124	143	139	120	129	174	129	147	126	111	115
3	181	123	139	160	121	128	161	133	148	130	112	117
4	161	124	138	171	125	140	174	132	147	129	115	122
5	200	119	139	214	135	157	168	127	138	139	119	125
6	172	126	146	188	129	151	160	125	136	131	108	120
7	208	120	146	18[illegible]	125	147	197	129	144	129	103	116
8	176	121	142	192	122	148	198	130	151	128	111	115
9	175	123	139	172	124	150	224	140	173	124	110	115
10	179	120	142	187	125	146	245	124	176	145	112	120
11	186	122	143	178	126	153	223	125	172	142	119	12[illegible]
12	182	123	137	163	121	143	209	132	166	125	121	122
13	166	125	141	151	125	136	224	137	164	132	123	124
14	157	126	139	155	128	137	237	130	169	156	124	127
15	168	126	141	162	126	139	243	144	175	155	129	140
16	166	126	139	154	130	137	251	139	174	176	128	145
17	168	125	138	134	134	134	209	147	182	218	129	153
18	254	125	157	134	134	134	235	144	183	206	127	155
19	267	133	180	134	134	134	188	135	158	139	126	131
20	365	128	186	191	127	145	168	135	153	137	125	128
21	273	130	161	191	127	150	164	131	147	137	125	130
22	355	131	179	272	127	173	153	130	141	147	129	138
23	361	132	194	367	133	192	148	129	137	143	130	134
24	315	126	186	528	145	269	150	130	139	136	132	133
25	192	121	145	536	152	266	148	129	135	136	130	133
26	216	127	160	296	146	196	165	140	152	130	130	134
27	204	127	153	308	135	196	170	134	157	134	127	130
28	162	124	138	260	139	177	148	124	134	133	127	129
29	155	121	134	199	136	162	141	122	128	314	129	165
30	145	120	130	167	128	147	144	121	131	269	131	176
31	---	---	---	163	129	146	147	117	131	---	---	---
MONTH	365	119	150	536	119	158	251	117	153	314	103	131
YEAR	536	78	139									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal 0.5 mi upstream of secondary road 9.

PERIOD OF RECORD.--October 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year.
pH: February 1981 to current year.
WATER TEMPERATURE: February 1981 to current year.
DISSOLVED OXYGEN: February 1981 to current year.

INSTRUMENTATION.--USGS mini-monitor October 1980 to February 1981. USGS water-quality monitor since February 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 437 microsiemens, Sept. 17, 1985; minimum, 51 microsiemens Mar. 18, 19, 1983.
pH: Maximum, 7.9 units, May 5, 1983; minimum, 5.3 units Sept. 7-8, 1986.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 20, 1986; minimum, 4.5°C, Jan. 23, 24, 1985.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 27, 28, 1983; minimum, 0.9 mg/L, June 29-30, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 426 microsiemens Jul. 21; minimum, 89 microsiemens, Feb. 13.
pH: Maximum, 7.9 units Sept. 24; minimum, 5.3 units, Sept. 7-8.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 20; minimum, 5.0°C, Jan. 28, 29.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Apr. 27; minimum, 2.8 mg/L, Aug. 12.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	271	150	197	186	128	148	113	111	112	115	106	111
2	211	135	183	163	121	145	114	111	113	113	102	108
3	169	125	143	148	122	135	116	112	114	110	99	104
4	146	119	137	141	123	132	114	111	113	114	99	105
5	130	115	125	136	121	129	113	111	112	115	100	106
6	126	117	122	144	121	128	113	109	111	116	102	107
7	235	120	141	160	129	140	112	109	110	118	103	109
8	269	138	205	158	120	137	112	109	110	111	100	107
9	231	134	152	161	120	137	125	109	114	111	100	105
10	206	145	106	215	130	158	194	112	139	125	101	110
11	198	128	165	223	133	167	417	127	235	154	104	122
12	236	129	160	304	136	190	250	119	179	121	108	117
13	251	137	212	285	141	194	146	111	129	132	106	116
14	213	133	173	255	135	188	---	---	---	161	112	130
15	332	157	203	323	153	221	---	---	---	142	105	123
16	204	138	178	241	131	182	120	112	114	123	97	107
17	355	152	232	187	129	160	126	108	115	108	98	101
18	290	146	212	233	132	163	121	105	110	102	96	99
19	232	144	187	274	159	209	109	104	106	101	97	99
20	180	128	162	253	135	174	107	103	104	103	98	101
21	233	139	170	176	133	155	106	102	104	103	99	101
22	222	145	182	189	117	151	105	103	104	112	100	104
23	215	140	175	138	98	118	106	104	105	132	100	111
24	190	138	164	116	94	105	112	105	107	115	99	107
25	184	130	156	108	95	100	110	105	108	145	98	111
26	177	123	145	105	97	101	113	105	109	140	102	118
27	192	134	162	109	101	104	113	100	108	135	104	116
28	204	139	163	110	105	107	112	101	105	137	107	121
29	417	169	277	112	108	110	107	102	104	119	99	111
30	263	149	219	113	110	111	111	101	106	107	97	103
31	233	131	187	---	---	---	156	106	116	101	94	98
MONTH	417	115	174	323	94	147	417	100	118	161	94	109

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	101	94	97	117	95	102	130	106	118	128	109	118
2	102	96	99	120	97	104	123	104	111	135	108	119
3	104	98	101	128	98	110	121	102	109	130	108	116
4	109	98	104	128	100	107	126	103	110	126	108	115
5	119	99	107	119	100	106	123	102	110	135	110	122
6	115	98	106	116	100	107	127	104	115	139	113	126
7	109	98	104	124	98	107	126	106	113	132	108	121
8	109	98	102	116	97	103	121	104	111	131	108	117
9	106	96	101	114	97	103	124	104	111	129	112	119
10	110	99	103	120	99	108	118	104	109	149	116	130
11	108	99	103	124	102	112	120	104	109	145	112	126
12	121	93	104	117	101	109	124	104	112	137	112	125
13	109	89	99	120	101	108	123	105	112	138	111	123
14	101	91	94	120	---	112	118	108	112	143	111	125
15	120	91	103	124	101	115	122	108	113	135	112	123
16	117	90	98	122	96	108	129	106	116	131	113	125
17	113	93	100	120	98	107	128	105	110	134	112	124
18	115	94	100	[illegible]	98	107	115	103	106	134	113	124
19	114	94	100	127	99	107	112	103	106	134	115	125
20	112	94	99	134	99	114	129	105	112	163	114	130
21	105	[illegible]	97	136	100	110	209	113	135	180	118	133
22	112	94	101	120	98	105	145	112	125	187	120	146
23	115	95	104	122	98	105	148	113	126	190	119	156
24	112	100	105	122	98	108	123	108	115	210	117	155
25	115	100	109	122	100	107	131	109	119	170	119	142
26	111	98	105	119	101	108	123	110	117	224	125	174
27	119	100	109	119	101	109	149	114	126	295	139	203
28	119	96	104	115	101	108	144	111	124	285	135	194
29	---	---	---	119	99	106	129	111	120	231	131	182
30	---	---	---	126	100	110	130	110	119	220	130	173
31	---	---	---	131	102	114	---	---	---	170	126	152
MONTH	121	89	102	136	95	108	209	102	115	295	108	138

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	162	123	145	138	118	128	173	119	142	108	106	107
2	155	122	139	135	121	128	142	113	126	110	106	109
3	159	120	138	157	121	130	146	116	128	113	108	111
4	158	121	141	174	123	141	164	118	131	118	112	114
5	156	117	132	173	121	149	172	121	143	123	110	115
6	165	119	141	172	124	142	212	124	162	114	91	103
7	164	117	140	165	121	143	203	116	157	110	90	102
8	155	117	133	183	122	145	217	119	160	112	93	106
9	147	117	130	177	122	142	186	126	154	112	102	109
10	156	119	136	165	123	140	199	128	161	115	108	112
11	169	119	138	180	126	150	215	129	163	115	111	113
12	156	121	134	162	125	144	212	131	165	115	112	114
13	145	120	133	147	124	137	202	133	164	117	113	115
14	148	120	134	150	124	136	173	137	142	140	116	120
15	152	120	138	159	125	139	187	126	145	152	120	129
16	149	125	139	180	128	146	185	127	153	150	121	135
17	---	---	---	185	127	151	163	119	144	159	124	136
18	223	132	164	230	124	156	142	117	132	169	123	145
19	230	133	175	308	131	172	135	116	125	130	118	126
20	255	129	168	379	136	212	122	112	117	127	116	121
21	263	132	177	426	162	282	131	115	121	125	116	120
22	298	138	212	417	145	259	129	115	120	124	118	121
23	276	137	184	257	133	184	121	115	117	125	119	122
24	248	121	175	246	139	194	121	114	116	130	120	124
25	158	122	142	207	135	167	121	114	117	134	120	125
26	176	122	150	---	---	---	124	114	118	136	120	125
27	169	128	149	---	---	---	123	114	116	135	119	124
28	148	126	137	---	---	---	125	112	117	129	118	122
29	---	---	---	164	134	143	122	109	113	242	119	135
30	145	120	134	157	122	139	112	105	107	209	131	158
31	---	---	---	176	121	143	107	104	105	---	---	---
MONTH	298	117	149	426	118	159	217	104	135	242	90	121
YEAR	426	89	131									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1966

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	6.6	6.6	6.3	6.3	6.0	6.6	6.4	6.8	6.5	7.0	6.4
2	7.2	6.6	6.6	6.2	6.4	6.0	6.6	6.4	6.8	6.5	6.9	6.3
3	7.0	6.5	6.6	6.2	6.4	5.9	6.6	6.3	6.7	6.5	7.0	6.4
4	6.9	6.4	6.5	6.1	6.8	6.1	6.6	6.3	6.8	6.5	6.9	6.4
5	6.9	6.3	6.5	5.8	6.7	6.5	6.5	6.3	6.7	6.5	7.0	6.4
6	7.0	6.1	6.6	6.1	6.7	6.5	6.6	6.3	6.7	6.4	7.0	6.5
7	7.2	6.4	6.6	6.3	6.9	6.4	6.6	6.4	6.5	6.2	7.3	6.4
8	7.5	6.8	6.6	6.3	6.9	6.4	6.8	6.4	6.5	6.0	7.4	6.5
9	7.2	6.6	6.9	6.3	6.8	6.4	6.8	6.5	6.4	6.0	7.3	6.5
10	7.1	6.6	6.9	6.4	6.8	6.4	6.8	6.4	6.4	6.0	7.0	6.5
11	6.8	6.5	6.8	6.4	6.8	6.4	6.7	6.4	6.3	6.0	7.0	6.4
12	6.6	6.4	6.8	6.3	6.8	6.4	6.7	6.4	6.2	5.8	6.8	6.4
13	6.7	6.4	6.7	6.4	6.4	6.3	6.8	6.3	6.4	5.9	6.8	6.3
14	6.7	6.4	6.8	6.3	---	---	6.8	6.4	7.2	6.1	6.6	6.3
15	6.8	6.2	6.9	6.3	---	---	6.9	6.5	7.2	6.5	6.4	5.8
16	6.8	6.3	6.8	6.4	6.6	6.3	6.8	6.6	6.9	6.3	6.3	5.8
17	6.9	6.2	6.7	6.3	6.7	6.2	6.9	6.6	6.6	6.2	6.3	5.8
18	6.8	6.4	6.8	6.2	6.6	6.3	6.8	6.5	6.6	6.2	6.7	5.9
19	6.8	6.4	6.8	6.4	6.7	6.4	6.6	6.5	6.7	6.2	6.7	6.1
20	6.8	6.3	6.7	6.5	6.8	6.6	6.6	6.4	6.9	6.2	6.5	6.2
21	6.8	6.4	6.5	6.3	6.7	6.5	6.7	6.5	7.0	6.3	6.5	6.2
22	6.7	6.5	6.6	5.7	6.8	6.5	6.7	6.5	6.9	6.3	6.7	6.2
23	6.7	6.5	6.2	5.7	6.7	6.5	6.7	6.5	7.0	6.2	6.6	6.1
24	6.8	6.5	6.2	5.7	6.9	6.6	6.7	6.5	6.8	6.3	6.7	6.2
25	6.9	6.5	6.1	5.6	6.9	6.6	6.7	6.5	6.7	6.3	6.6	6.3
26	7.0	6.5	6.1	5.7	6.8	6.4	6.6	6.4	6.8	6.3	5.6	6.3
27	6.8	6.6	6.3	5.8	6.7	6.4	6.6	6.3	6.8	6.3	6.6	6.3
28	6.7	6.4	6.3	5.9	6.7	6.4	6.6	6.4	6.9	6.2	6.7	6.4
29	6.8	6.4	6.3	6.0	6.6	6.4	6.8	6.5	---	---	6.7	6.4
30	6.7	6.5	6.4	6.1	6.6	6.3	6.8	6.5	---	---	6.8	6.3
31	6.7	6.3	---	---	6.7	6.3	6.9	6.6	---	---	6.8	6.4
MONTH	7.5	6.1	6.9	5.6	6.9	5.9	6.9	6.3	7.2	5.8	7.4	5.8

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.5	6.8	6.3	6.6	6.4	6.9	6.5	6.8	6.3	6.0	5.6
2	6.9	6.6	6.8	6.3	6.6	6.4	6.9	6.5	6.7	6.2	6.2	5.8
3	6.8	6.5	6.8	6.2	6.5	6.3	6.9	6.5	6.6	6.3	6.3	5.8
4	6.8	6.5	7.0	6.2	6.5	6.3	6.9	6.5	6.6	6.3	6.4	5.8
5	6.8	6.5	6.9	6.2	6.7	6.3	6.8	6.5	6.8	6.3	6.4	5.9
6	6.8	6.5	6.9	6.2	6.7	6.4	6.8	6.4	6.8	6.3	6.4	5.6
7	6.8	6.5	6.7	6.3	6.8	6.4	6.9	6.4	6.8	6.2	6.1	5.3
8	6.8	6.5	6.8	6.3	6.9	6.4	7.0	6.4	6.9	6.4	6.6	5.3
9	6.7	6.2	7.1	6.3	6.8	6.4	7.2	6.5	6.9	6.3	6.8	6.0
10	6.7	6.2	7.0	6.3	6.7	6.4	7.2	6.6	6.9	6.3	6.9	6.1
11	6.8	6.1	7.0	6.3	6.8	6.4	7.0	6.6	6.9	6.2	7.0	6.4
12	6.8	6.1	7.0	6.5	6.8	6.5	6.9	6.5	6.8	6.1	6.9	6.5
13	6.8	6.3	6.9	6.5	6.8	6.5	6.9	6.6	6.6	6.1	7.0	6.6
14	6.9	6.3	6.8	6.5	6.7	6.4	6.8	6.6	---	---	6.9	6.4
15	6.6	6.3	6.9	6.5	6.6	6.4	6.7	6.5	6.7	6.2	6.8	6.3
16	6.5	6.3	6.9	6.5	7.0	6.2	6.8	6.5	6.6	6.2	6.9	6.2
17	6.8	6.4	6.9	6.4	---	---	6.7	6.4	6.7	6.2	6.6	6.3
18	7.6	6.4	6.8	6.4	6.7	6.5	6.8	6.5	6.6	6.3	6.4	5.7
19	7.5	6.4	6.7	6.4	6.8	6.5	6.9	6.5	6.4	6.0	6.7	5.6
20	7.4	6.3	6.7	6.4	6.9	6.5	7.0	6.5	6.3	5.7	7.0	5.7
21	7.3	6.4	6.7	6.4	6.8	6.5	6.7	6.5	6.2	5.7	7.5	6.0
22	7.2	6.3	6.8	6.3	6.9	6.4	6.6	6.4	6.4	5.7	7.8	6.4
23	7.2	6.3	6.9	6.3	7.0	6.3	6.6	6.2	6.4	6.1	7.7	6.4
24	7.1	6.2	6.9	6.4	7.0	6.3	6.7	6.3	6.5	6.1	7.9	6.5
25	7.1	6.2	6.8	6.4	6.8	6.4	6.7	6.3	6.7	6.1	7.8	6.7
26	7.2	6.3	6.8	6.4	6.8	6.4	6.5	6.3	6.6	6.1	7.8	6.8
27	7.1	6.4	6.8	6.5	6.7	6.5	6.6	6.2	6.6	6.1	7.8	6.9
28	7.1	6.4	6.9	6.5	6.7	6.4	6.7	6.2	6.4	6.0	7.7	7.0
29	6.9	6.3	6.8	6.5	---	---	6.7	6.3	6.2	5.7	7.8	7.1
30	6.8	6.2	6.7	6.4	6.8	6.6	6.8	6.2	6.1	5.6	7.8	7.1
31	---	---	6.7	6.4	---	---	6.8	6.3	6.0	5.5	---	---
MONTH	7.6	6.1	7.1	6.2	7.0	6.2	7.2	6.2	6.9	5.5	7.9	5.3
YEAR	7.9	5.3										

02172040 JACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	23.5	24.0	21.0	20.5	21.0	19.5	19.0	19.5	9.5	9.0	9.5
2	24.5	24.0	24.5	21.0	20.5	20.5	19.0	18.0	19.0	9.5	9.0	9.0
3	25.0	24.0	24.5	20.5	20.0	20.5	18.0	16.0	17.0	9.5	9.0	9.5
4	25.0	24.0	24.5	20.5	19.5	20.5	16.0	15.0	15.5	10.0	9.0	9.5
5	25.0	24.0	24.5	19.5	18.0	18.5	15.5	15.0	15.0	10.0	9.5	9.5
6	24.0	22.5	23.5	18.5	17.5	18.0	15.0	14.0	14.5	9.5	9.0	9.0
7	23.0	22.0	22.5	18.0	17.5	18.0	14.5	13.5	14.0	9.5	9.0	9.0
8	22.5	22.0	22.0	18.0	17.5	18.0	14.0	13.5	13.5	9.0	8.0	8.5
9	22.5	21.5	22.5	18.0	17.0	17.5	13.5	13.0	13.5	8.0	7.0	7.5
10	23.0	22.5	23.0	18.5	17.0	18.0	14.0	13.0	13.5	7.5	7.5	7.5
11	23.5	23.0	23.5	19.0	18.0	18.5	14.5	13.5	14.0	8.5	7.5	8.0
12	23.5	23.0	23.0	19.5	18.5	19.0	14.5	14.0	14.5	8.5	7.5	8.0
13	23.5	22.5	23.0	20.0	19.0	19.5	15.0	14.5	15.0	8.5	7.5	8.0
14	24.0	23.0	23.5	20.0	18.5	19.5	---	---	---	8.5	7.5	8.0
15	24.5	23.5	24.0	20.5	19.0	19.5	---	---	---	8.0	7.5	8.0
16	24.5	24.0	24.5	20.0	19.0	19.5	12.5	12.0	12.5	8.0	7.5	7.5
17	24.5	24.0	24.5	20.0	19.5	20.0	12.5	11.0	12.0	9.0	8.0	8.5
18	24.0	23.5	24.0	20.5	19.5	20.0	12.0	10.5	11.0	9.0	8.0	8.5
19	24.0	23.5	65.5	21.0	20.0	20.5	11.5	10.5	11.0	9.5	9.0	9.0
20	24.0	23.5	24.0	21.0	20.5	21.0	11.5	10.5	11.0	9.5	9.0	9.0
21	24.5	23.5	24.0	21.0	20.0	20.5	11.0	10.0	10.5	9.5	8.5	9.0
22	24.5	24.0	24.0	21.0	19.5	20.5	10.0	9.5	10.0	10.0	8.5	9.0
23	24.0	23.5	23.5	19.5	18.5	19.0	10.0	9.5	9.5	9.5	9.5	9.5
24	24.0	23.0	23.5	18.5	18.0	18.0	11.0	10.0	10.5	9.5	8.5	9.0
25	24.0	23.0	23.5	18.0	17.5	18.0	11.0	10.0	10.5	9.0	8.5	8.5
26	23.5	23.0	23.5	19.0	17.5	18.0	10.0	8.5	9.0	9.0	8.5	8.5
27	23.0	22.5	22.5	19.5	18.0	19.0	9.0	7.5	8.5	8.5	6.5	7.5
28	22.5	22.5	22.5	20.0	19.0	19.5	9.0	8.0	8.5	6.5	5.0	5.5
29	22.5	20.5	21.5	20.0	19.5	20.0	9.5	8.5	9.0	6.5	5.0	5.5
30	20.5	20.0	20.0	20.5	19.5	20.0	9.0	8.0	9.0	7.0	6.0	6.5
31	21.0	20.0	20.5	---	---	---	9.0	8.0	9.0	7.5	6.5	7.0
MONTH	25.0	20.0	24.5	21.0	17.0	19.5	19.5	7.5	12.5	10.0	5.0	8.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	6.5	7.0	11.5	11.0	11.5	19.0	17.5	18.5	24.5	21.5	23.0
2	8.5	7.0	7.5	11.0	10.0	10.5	19.5	17.5	18.5	25.5	22.0	23.5
3	9.0	8.0	8.5	12.5	10.5	11.5	20.5	16.5	18.0	24.0	21.5	22.5
4	10.0	8.5	9.5	12.5	11.5	12.0	20.5	17.5	19.0	23.5	21.0	22.0
5	10.0	9.5	10.0	12.5	11.0	11.5	22.0	16.5	19.0	23.5	21.5	22.5
6	10.5	9.0	10.0	12.5	11.5	12.0	22.5	18.0	20.0	24.5	22.0	23.0
7	12.0	9.5	10.5	12.5	11.0	12.0	21.5	18.5	20.0	25.5	22.5	23.5
8	12.0	9.0	10.5	12.5	11.0	12.0	21.0	18.0	19.0	26.0	22.5	24.0
9	11.0	9.5	10.5	13.0	11.0	12.0	20.5	18.0	19.0	25.0	23.5	24.0
10	11.5	10.0	10.5	15.0	12.5	13.5	19.0	17.0	18.0	24.0	23.0	23.5
11	13.0	10.0	11.5	16.5	14.0	15.0	19.0	17.0	18.0	24.5	22.5	23.5
12	12.5	11.5	12.0	17.0	14.5	15.5	19.5	17.5	18.5	24.5	23.0	23.5
13	11.0	9.5	10.5	18.0	15.0	16.5	20.5	18.5	19.5	24.0	23.0	23.5
14	9.5	8.5	9.0	18.5	15.0	17.0	21.0	19.0	20.0	25.0	23.0	24.0
15	11.0	9.0	10.0	18.0	14.0	17.0	21.0	19.5	20.5	25.5	23.0	24.0
16	11.0	9.5	10.0	18.0	14.5	16.0	21.0	19.5	20.0	25.5	23.5	24.5
17	12.5	10.0	11.0	18.0	15.0	16.5	20.5	18.0	18.5	26.0	23.5	24.5
18	13.0	11.0	12.0	18.5	15.5	16.5	18.5	17.0	18.0	26.5	23.5	25.0
19	13.5	11.5	12.5	19.0	15.5	17.0	19.5	17.5	18.5	26.0	24.0	25.0
20	14.0	11.5	13.0	19.0	15.5	17.0	20.5	18.5	19.0	26.5	24.0	25.0
21	14.0	12.0	13.0	18.0	14.0	15.5	20.5	19.0	20.0	26.5	24.0	25.0
22	16.0	12.0	14.0	14.0	13.0	13.5	20.5	19.0	20.0	26.0	24.0	25.0
23	16.0	13.5	14.5	14.0	12.5	13.5	19.5	18.0	18.5	26.5	24.5	25.0
24	14.5	13.5	14.0	15.0	13.0	14.0	19.5	17.5	18.5	26.5	25.0	25.5
25	14.0	12.5	13.5	15.0	14.5	14.5	20.5	18.0	19.0	27.0	25.5	26.0
26	12.5	11.5	12.0	16.0	14.5	15.0	21.5	19.5	20.5	26.5	25.5	26.0
27	13.0	11.5	12.0	17.0	15.0	16.0	22.5	20.5	21.5	27.0	26.0	26.5
28	12.5	12.0	12.0	17.5	15.5	16.5	23.5	21.5	22.5	27.0	25.5	26.5
29	---	---	---	17.5	15.5	16.5	24.0	21.5	23.0	27.0	25.5	26.5
30	---	---	---	18.5	16.0	17.0	24.0	21.5	22.5	27.0	25.5	26.5
31	---	---	---	19.5	17.0	18.0	---	---	---	27.5	26.0	27.0
MONTH	16.0	6.5	11.0	19.5	10.0	14.5	24.0	16.5	19.5	27.5	21.0	24.5

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.5	27.0	30.5	29.5	30.0	32.0	31.0	31.5	25.5	24.0	24.5
2	28.5	26.5	27.5	31.0	29.5	30.0	31.5	30.5	31.0	26.0	24.5	25.0
3	27.5	26.0	26.5	30.5	29.5	30.0	31.5	30.0	31.0	26.0	25.5	25.5
4	26.5	25.5	26.0	30.5	29.5	30.0	31.0	30.0	30.5	26.5	25.0	26.0
5	27.0	25.5	26.0	29.5	29.0	29.5	31.5	30.0	30.5	26.0	25.5	25.5
6	27.0	26.0	26.5	30.0	29.0	29.5	31.5	30.5	31.0	26.0	25.0	25.0
7	28.5	26.0	27.0	31.0	29.0	30.0	31.5	30.0	31.0	26.0	24.5	25.5
8	29.5	27.5	28.0	31.0	29.5	30.5	31.5	30.5	31.0	27.0	25.0	26.0
9	29.0	28.0	28.5	31.5	30.0	31.0	32.0	30.5	31.0	26.5	25.5	26.0
10	28.5	28.0	28.5	31.5	30.0	31.0	32.0	30.5	31.5	26.5	25.5	26.0
11	29.5	28.0	28.5	31.5	30.5	31.0	32.0	31.0	31.5	27.0	25.5	26.5
12	29.5	28.5	29.0	31.5	30.5	31.0	31.5	30.5	31.0	27.0	26.5	27.0
13	29.5	28.5	29.0	31.0	30.0	30.5	31.0	29.5	30.0	27.5	26.5	27.0
14	29.5	29.0	29.0	31.0	30.0	30.5	29.5	29.0	29.5	28.0	26.5	27.0
15	29.0	28.0	28.5	31.0	30.0	30.5	28.5	28.0	28.0	27.5	26.5	27.0
16	28.5	27.5	28.0	31.0	30.5	30.5	29.5	28.0	29.0	28.0	27.0	27.5
17	---	---	---	31.5	30.0	30.5	30.5	29.0	29.5	27.5	26.5	27.0
18	---	---	---	32.0	30.5	31.0	30.5	30.0	30.0	27.0	26.0	26.5
19	28.5	27.5	28.0	32.5	31.0	31.5	30.0	28.5	29.5	26.5	25.5	26.0
20	30.0	28.0	28.5	33.0	31.5	32.0	29.0	27.5	28.0	27.5	26.0	26.5
21	30.0	28.5	29.0	32.5	31.5	32.0	29.0	27.5	28.0	27.5	26.5	27.0
22	29.5	28.0	29.0	32.0	30.0	31.0	29.5	28.0	29.0	28.0	26.5	27.5
23	30.0	28.0	29.0	31.0	29.5	30.5	30.0	29.0	29.5	28.0	27.0	27.5
24	30.0	28.5	29.0	31.5	30.0	30.5	31.0	29.5	30.0	28.5	27.0	27.5
25	30.5	28.5	29.5	31.5	30.5	31.0	31.0	30.0	30.5	28.5	27.5	28.0
26	30.0	29.0	29.5	30.5	30.0	30.5	30.5	29.0	29.5	28.5	27.5	28.0
27	30.0	29.5	29.5	31.0	29.5	30.0	30.0	29.0	29.5	29.0	27.5	28.5
28	30.0	29.0	---	31.0	30.0	30.5	29.5	28.0	29.0	29.0	27.5	28.5
29	---	---	---	31.5	30.5	31.0	28.0	25.5	26.5	29.0	28.0	28.5
30	30.0	29.5	---	31.5	30.5	31.0	26.0	23.5	24.5	29.0	28.0	28.5
31	---	---	---	32.0	30.5	31.0	25.0	23.0	24.0	---	---	---
MONTH	30.5	25.5	28.0	33.0	29.0	30.5	32.0	23.0	29.5	29.0	24.0	27.0
YEAR	33.0	5.0	21.0									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.1	6.7	7.6	6.9	6.6	6.8	7.1	6.7	7.0	8.1	7.8	7.9
2	7.9	6.7	7.4	7.3	6.9	7.1	7.3	6.3	6.9	8.1	7.9	8.0
3	7.6	6.1	7.0	7.7	5.5	7.3	6.7	5.9	6.3	8.0	7.8	7.9
4	7.6	5.6	6.9	8.0	7.6	7.8	8.0	6.1	6.9	8.0	7.8	7.9
5	7.6	5.4	6.9	8.4	7.8	8.1	7.8	7.6	7.7	8.0	7.8	7.9
6	7.8	5.3	6.8	8.8	8.2	8.5	7.8	7.6	7.7	8.0	7.7	7.9
7	7.9	6.5	7.3	9.0	8.0	8.4	7.9	7.6	7.8	8.0	7.8	7.9
8	8.2	7.2	7.6	8.7	7.9	8.3	7.9	7.6	7.8	8.0	7.5	7.9
9	8.1	7.0	7.5	9.1	7.7	8.4	7.9	7.6	7.8	8.0	7.8	7.9
10	7.9	7.1	7.3	---	---	---	7.9	7.6	7.8	8.0	7.8	7.9
11	7.3	6.4	6.8	---	---	---	7.8	7.7	7.7	8.1	7.9	8.0
12	6.7	5.9	6.3	10.0	9.4	9.7	7.8	7.6	7.7	8.1	7.8	8.0
13	7.1	5.7	6.2	9.5	9.0	9.2	7.9	7.6	7.7	8.1	7.8	7.9
14	7.3	5.8	6.5	9.4	8.5	8.9	---	---	---	8.1	7.8	8.0
15	7.3	5.2	6.7	9.3	8.2	8.7	---	---	---	8.1	7.9	8.0
16	7.3	5.9	6.8	9.1	8.3	8.6	7.8	7.5	7.7	8.1	8.0	8.0
17	7.1	5.3	6.6	8.8	8.0	8.4	7.8	7.5	7.6	8.1	8.0	8.1
18	7.0	5.9	6.6	8.9	7.8	8.3	7.7	7.6	7.6	8.1	7.9	8.0
19	6.9	5.8	6.5	8.6	8.1	8.3	7.9	7.6	7.7	8.0	7.8	7.9
20	6.9	5.1	6.3	8.4	8.0	8.2	7.8	7.7	7.7	8.0	7.8	7.9
21	6.7	5.6	6.3	8.1	7.8	7.9	7.9	7.6	7.7	8.0	7.8	7.9
22	6.5	5.8	6.1	7.9	6.6	7.6	7.9	7.6	7.8	8.0	7.8	7.9
23	6.4	5.6	5.9	7.4	6.7	7.1	7.9	7.7	7.8	8.0	7.9	7.9
24	5.9	5.1	5.5	7.1	5.7	6.2	7.9	7.8	7.8	8.0	7.8	7.9
25	5.0	3.4	4.4	6.4	5.7	6.1	7.9	7.8	7.8	7.9	7.8	7.9
26	6.4	4.2	4.9	6.8	5.8	6.4	8.0	7.7	7.8	7.9	7.7	7.8
27	8.4	4.8	6.2	6.8	5.9	6.4	8.0	7.7	7.9	7.8	7.5	7.6
28	6.3	5.7	5.9	9.5	6.3	8.0	7.9	7.8	7.9	8.0	7.5	7.8
29	5.9	5.6	5.7	8.1	7.4	7.8	8.0	7.8	7.9	8.1	7.9	8.0
30	6.3	5.8	6.0	8.0	7.2	7.6	8.1	7.7	7.9	8.3	8.0	8.1
31	6.6	6.2	6.4	---	---	---	8.0	7.7	7.9	8.2	8.0	8.1
MONTH	8.4	3.4	6.5	10.0	5.5	7.9	8.1	5.9	7.6	8.3	7.5	7.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.1	8.0	8.0	6.5	6.2	6.3	8.6	8.1	8.3	10.4	8.0	9.0
2	8.1	7.9	8.0	6.4	6.2	6.3	8.9	8.1	8.4	10.1	8.2	8.9
3	8.1	7.9	8.0	6.4	6.2	6.3	9.2	8.2	8.5	8.5	7.4	7.9
4	8.1	7.9	8.0	6.4	6.2	6.3	8.9	8.3	8.6	8.3	6.6	7.4
5	8.0	7.8	7.9	6.4	6.2	6.3	9.4	8.4	8.8	8.2	6.4	7.3
6	7.9	7.7	7.8	6.3	6.2	6.2	9.4	8.6	9.0	8.6	6.5	7.6
7	8.0	7.5	7.7	6.3	6.1	6.2	9.5	8.7	9.1	9.0	6.8	7.7
8	7.9	7.3	7.6	6.4	6.2	6.3	9.2	8.8	9.0	8.5	6.6	7.0
9	7.7	7.2	7.5	6.4	6.2	6.3	9.8	8.1	8.8	7.0	6.2	6.6
10	7.6	7.2	7.4	6.5	6.2	6.3	8.9	7.3	8.1	6.7	5.7	6.2
11	7.5	7.1	7.3	6.9	6.1	6.4	9.5	7.6	8.5	7.0	5.6	6.3
12	7.4	7.0	7.2	6.6	6.1	6.3	9.7	8.0	8.9	7.1	6.2	6.6
13	7.5	6.9	7.1	6.5	6.0	6.2	10.3	8.9	9.5	6.8	6.3	6.5
14	7.4	7.0	7.2	5.7	5.4	5.6	10.3	8.6	9.4	6.9	6.1	6.5
15	7.4	7.0	7.2	6.0	5.4	5.7	10.2	9.0	9.6	7.0	6.0	6.5
16	7.3	7.1	7.2	6.2	5.5	5.9	10.0	9.0	9.5	7.0	6.0	6.5
17	7.2	7.0	7.1	6.5	5.7	6.0	9.2	8.3	8.8	7.1	6.0	6.5
18	7.3	7.0	7.1	6.7	6.0	6.2	10.0	8.3	9.0	6.9	5.9	6.4
19	7.3	6.9	7.0	6.8	6.1	6.5	10.2	8.6	9.3	6.7	6.1	6.4
20	7.2	6.9	7.0	6.6	5.3	6.1	10.4	8.7	9.6	6.8	6.0	6.4
21	7.1	6.9	7.0	6.7	6.3	6.5	10.7	9.6	10.1	6.8	5.9	6.3
22	7.2	6.7	6.9	6.9	6.4	6.7	10.2	9.0	9.7	6.6	5.7	6.1
23	7.1	6.7	6.8	7.1	6.6	6.8	9.8	8.4	9.2	6.9	5.5	6.2
24	6.8	6.6	6.7	7.2	6.8	7.0	10.2	8.2	9.2	7.1	5.8	6.5
25	6.8	6.5	6.6	7.2	7.0	7.1	11.2	8.5	9.7	7.1	6.0	6.5
26	6.6	6.4	6.6	7.5	7.1	7.3	11.3	9.0	10.0	6.8	6.0	6.4
27	6.6	6.2	6.4	7.8	7.3	7.5	11.4	9.3	10.2	6.5	5.9	6.2
28	6.5	6.2	6.3	7.9	7.5	7.6	10.9	9.7	10.3	6.6	5.7	6.2
29	---	---	---	7.9	7.6	7.7	10.3	8.8	9.5	6.5	5.8	6.1
30	---	---	---	8.3	7.6	7.9	10.0	8.1	8.9	6.4	5.7	6.1
31	---	---	---	8.6	7.8	8.1	---	---	---	6.5	5.6	6.1
MONTH	8.1	6.2	7.2	8.6	5.3	6.6	11.4	7.3	9.2	10.4	5.5	6.7

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.5	5.7	6.0	7.6	6.7	7.1	7.4	6.0	6.6	6.7	4.8	5.8
2	6.6	5.7	6.0	7.6	6.7	7.1	7.9	4.7	6.5	7.0	5.7	6.2
3	5.9	5.5	5.7	7.2	6.3	6.7	7.4	4.5	6.1	8.1	5.6	7.0
4	6.1	5.4	5.7	7.2	6.1	6.6	6.8	5.4	6.2	8.0	6.4	7.3
5	6.3	5.5	5.9	6.8	6.0	6.4	7.2	4.7	6.0	7.8	6.2	7.0
6	6.2	5.6	5.9	7.0	5.9	6.5	7.1	4.4	5.9	7.2	5.1	6.1
7	6.7	5.5	6.1	7.3	6.0	6.6	7.1	4.5	6.1	7.6	4.8	6.3
8	6.8	5.8	6.2	7.5	6.2	6.9	6.4	4.5	5.2	8.0	4.6	6.9
9	6.5	5.7	6.0	7.7	6.4	7.0	6.4	4.1	5.4	8.7	5.2	7.5
10	6.0	5.2	5.8	7.5	5.5	7.0	6.4	4.0	5.6	9.0	5.9	7.8
11	6.4	5.5	6.0	7.3	6.3	6.8	5.9	3.2	5.0	8.4	6.2	7.4
12	6.4	5.7	6.1	7.2	6.3	6.8	6.7	2.8	5.0	7.0	5.8	6.5
13	6.3	5.7	6.0	7.1	6.4	6.7	5.8	4.1	4.9	6.8	5.7	6.2
14	5.9	5.5	5.7	6.9	6.0	6.4	5.0	4.3	4.4	6.8	5.7	6.1
15	5.8	5.4	5.6	6.7	5.9	6.3	5.7	4.6	5.1	7.1	5.7	6.2
16	6.0	4.7	5.5	6.7	5.9	6.2	6.6	4.4	5.3	6.8	5.5	6.0
17	6.9	5.4	6.1	6.7	5.7	6.2	7.2	5.3	6.1	6.8	5.5	6.1
18	7.7	5.9	6.9	7.1	5.9	6.4	6.7	5.6	6.2	6.5	5.4	5.9
19	8.1	7.0	7.5	7.1	6.0	6.5	6.8	4.9	5.8	6.5	5.0	5.9
20	8.2	6.9	7.5	7.2	5.9	6.5	6.5	4.0	5.3	6.4	4.6	5.8
21	7.8	6.9	7.3	6.6	6.0	6.2	6.0	4.0	5.0	6.6	4.6	5.9
22	7.8	6.4	7.1	6.3	5.2	5.8	6.2	3.9	5.3	6.4	4.6	5.6
23	7.8	5.4	7.1	6.4	4.9	5.9	6.2	5.1	5.5	6.1	4.1	5.3
24	8.0	6.7	7.3	6.4	4.6	5.9	6.7	4.2	5.5	6.1	3.5	5.2
25	7.9	6.7	7.3	6.5	5.1	6.1	7.3	5.0	6.2	5.5	3.5	4.8
26	7.7	6.8	7.2	---	---	---	6.9	5.2	6.2	5.2	3.3	4.5
27	7.5	6.7	7.1	---	---	---	6.2	5.1	5.8	5.2	3.3	4.5
28	7.7	6.7	7.3	---	---	---	5.7	4.4	5.3	5.3	3.9	4.6
29	---	---	---	---	---	---	6.5	4.2	5.4	5.3	4.3	4.7
30	7.6	7.0	7.3	---	---	---	7.0	5.1	5.9	5.3	4.3	4.7
31	---	---	---	---	---	---	6.3	4.0	5.0	---	---	---
MONTH	8.2	4.7	6.5	7.7	4.6	6.5	7.9	2.8	5.6	9.0	3.3	6.0
YEAR	11.4	2.8	7.0									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27", long 79°56'11", Berkeley County, Hydrologic Unit 03050201, on right bank 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

PERIOD OF RECORD.--October 1971 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: July 1981 to current year.
WATER TEMPERATURE: October 1970 to current year.
DISSOLVED OXYGEN: July 1981 to current year.

INSTRUMENTATION.--Servo Programmer October 1970 to October 1980, water quality monitor since July 1981.

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 4270 microsiemens, Oct. 8, 1985; minimum, 43 microsiemens Apr. 16, 20, 23-25, May 2, 1975.
pH: Maximum, 8.5 units, Sept. 29, 30, 1981; minimum, 6.3 units, Apr. 24, 1985.
WATER TEMPERATURE: Maximum, 32.0°C, Jul. 20, 21, 1986; minimum, 4.5°C, Feb. 19, 1979.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1, 1985; minimum, 2.2 mg/L, May 1, 2, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 4270 microsiemens, Oct. 8; minimum, 85 microsiemens, Nov. 25, 26, Feb. 13-17.
pH: Maximum, 8.1 units, Apr. 25; minimum, 6.4 units, Aug 21, 22, 31, Sept. 1, 7, 8.
WATER TEMPERATURE: Maximum, 32.0°C, Jul. 20-21; minimum, 5.0°C, Jan. 29.
DISSOLVED OXYGEN: Maximum 10.8 mg/L, Jan.31; minimum, 3.1 mg/L, Jul. 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	730	225	456	960	155	409	115	105	107	455	110	220
2	765	170	421	255	130	173	125	105	111	275	100	184
3	465	135	260	240	135	180	110	105	107	190	95	127
4	200	120	149	320	130	205	125	105	114	120	95	106
5	165	115	135	175	125	141	160	100	125	130	95	106
6	280	115	136	230	125	161	155	105	119	185	95	124
7	1390	125	488	885	140	446	130	100	113	225	100	153
8	4270	325	1700	725	140	376	180	100	128	285	100	158
9	1710	160	648	670	140	378	290	100	174	160	95	124
10	1780	225	930	760	155	454	635	115	335	260	100	150
11	1340	175	604	815	150	415	1410	170	655	545	110	253
12	1370	165	600	855	155	463	1050	155	464	560	115	292
13	1890	245	895	935	165	496	485	115	218	350	110	212
14	1540	200	714	860	165	461	145	105	120	360	135	227
15	1360	210	691	940	200	490	155	100	123	310	120	195
16	1060	175	511	780	155	421	180	100	131	250	105	166
17	1040	200	554	630	155	370	190	100	142	160	93	125
18	1070	185	595	485	155	316	175	100	127	115	95	102
19	855	185	500	630	225	427	135	100	118	110	95	101
20	600	175	373	600	160	353	120	95	105	110	95	102
21	560	180	362	435	160	294	100	95	99	260	95	130
22	690	200	445	410	120	231	115	95	101	400	100	189
23	710	180	452	150	105	128	135	100	111	355	100	206
24	685	190	451	135	90	110	320	100	151	570	110	257
25	585	180	390	115	85	99	225	100	146	550	105	298
26	585	150	351	105	85	95	175	100	128	565	115	287
27	730	185	428	100	90	96	155	100	116	370	110	209
28	815	180	462	105	95	99	110	95	101	290	120	197
29	1730	310	838	110	100	102	125	95	105	280	115	206
30	2000	300	983	110	100	105	225	100	127	175	100	138
31	1430	220	679	---	---	---	425	110	215	155	95	117
MONTH	4270	115	555	960	85	283	1410	95	162	570	95	176

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	110	95	102	145	95	109	250	105	169	225	105	158
2	110	95	103	120	95	103	230	100	152	165	105	126
3	130	95	107	110	95	100	145	100	122	160	105	126
4	180	95	125	120	95	106	155	100	120	200	105	148
5	230	100	144	145	100	117	130	100	112	230	110	160
6	215	100	142	155	100	117	200	100	132	265	120	184
7	190	95	120	135	95	106	225	105	149	230	110	159
8	135	95	108	130	95	106	170	105	127	170	105	130
9	190	95	129	135	95	110	185	100	138	860	115	231
10	255	100	158	185	95	126	180	100	135	1240	140	483
11	230	95	150	235	105	161	160	100	116	1200	135	480
12	160	95	118	220	100	138	130	100	109	830	130	349
13	125	85	97	170	100	127	175	105	129	560	140	319
14	95	85	89	150	95	114	305	105	169	550	130	304
15	90	85	87	110	95	99	285	105	164	455	125	268
16	100	85	90	100	95	99	215	105	135	390	120	249
17	110	85	94	100	95	98	145	100	116	335	120	218
18	115	90	97	100	95	97	120	100	105	305	120	206
19	160	90	107	100	95	97	270	100	140	385	120	241
20	275	90	134	110	95	100	785	100	340	560	130	303
21	235	90	123	135	95	103	1790	160	751	820	145	371
22	135	90	105	115	95	103	850	130	430	915	155	438
23	505	95	184	190	95	121	720	130	381	1010	160	484
24	795	105	358	1000	95	171	465	110	236	795	155	418
25	710	120	351	250	100	156	360	110	222	700	155	377
26	525	115	289	270	100	169	370	115	218	830	180	483
27	495	105	222	260	100	173	585	115	265	1090	185	564
28	225	95	148	275	100	176	570	115	273	945	185	533
29	---	---	---	245	95	140	375	110	209	780	205	455
30	---	---	---	175	100	125	260	110	174	650	205	465
31	---	---	---	175	105	135	---	---	---	---	---	---
MONTH	795	85	146	1000	95	123	1790	100	201	1240	105	314

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	235	130	179	665	150	340	285	110	180
2	---	---	---	250	130	181	600	140	303	480	115	255
3	---	---	---	375	130	196	510	135	286	375	115	225
4	---	---	---	1210	150	472	485	145	318	340	120	220
5	615	130	328	1120	170	534	665	160	348	310	125	189
6	635	135	366	740	165	428	830	195	482	265	115	170
7	565	130	327	595	150	351	880	185	490	200	110	141
8	495	115	252	505	135	286	770	175	413	155	110	126
9	345	115	211	425	145	259	570	165	327	135	110	122
10	355	130	239	370	140	231	435	165	303	145	110	123
11	455	115	248	375	155	261	430	170	302	125	110	118
12	395	115	223	385	150	263	425	165	302	140	115	123
13	320	115	201	335	140	225	445	160	304	170	115	134
14	265	120	197	265	140	202	470	150	300	305	120	181
15	360	125	228	320	140	214	565	145	312	635	145	319
16	395	130	259	425	140	260	835	165	414	615	165	375
17	400	120	245	530	145	299	705	150	387	810	165	419
18	---	---	---	670	155	342	445	135	272	815	165	438
19	1530	160	808	1050	180	446	370	130	233	485	130	245
20	1630	169	721	1510	180	588	285	120	187	235	125	162
21	2560	188	772	1530	200	734	220	120	155	160	120	133
22	1920	157	738	1300	190	667	175	115	138	150	125	134
23	1400	161	574	1060	165	497	150	115	129	170	125	142
24	1040	146	438	680	180	427	145	115	127	190	125	146
25	527	140	269	590	175	362	155	115	128	140	125	129
26	510	165	314	455	155	283	160	115	128	135	125	128
27	570	150	331	315	135	223	130	115	121	165	125	137
28	395	140	260	255	135	195	125	115	118	210	120	154
29	290	140	213	255	135	192	135	110	121	1280	130	495
30	240	135	184	345	140	207	365	110	160	1660	210	857
31	---	---	---	580	145	325	215	110	140	---	---	---
MONTH	2560	115	358	1530	130	333	880	110	261	1660	110	224
YEAR	4270	85	261									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.8	7.4	7.3	7.1	---	---	7.1	6.8	7.2	7.1	7.3	7.0
2	7.5	7.3	7.2	7.0	---	---	7.0	6.8	7.1	7.0	7.4	7.0
3	7.5	7.1	7.2	7.0	---	---	7.0	6.8	7.1	7.0	7.4	7.1
4	7.4	7.0	7.3	7.0	---	---	6.9	6.8	7.1	7.0	7.3	7.1
5	7.4	7.0	7.2	7.0	---	--	6.9	6.8	7.1	7.0	7.3	7.1
6	7.4	7.1	7.2	7.0	7.0	6.8	6.9	6.8	7.1	6.9	7.3	7.2
7	7.6	7.2	7.4	7.1	7.0	7.0	7.0	6.8	7.0	6.9	7.5	7.0
8	7.6	7.4	7.3	7.1	7.1	7.0	7.1	6.9	7.0	6.8	7.8	7.2
9	7.6	7.3	7.3	7.1	7.1	7.0	7.1	7.0	7.0	6.7	7.8	7.4
10	7.5	7.3	7.4	7.2	7.2	7.0	7.1	7.0	7.0	6.7	7.6	7.3
11	7.4	7.2	7.4	7.2	7.3	7.0	7.2	6.9	6.9	6.7	7.4	7.1
12	7.3	7.0	7.4	7.2	7.2	7.0	7.2	7.0	6.8	6.6	7.4	7.0
13	7.3	7.0	7.4	7.2	7.1	6.8	7.2	6.9	6.8	6.6	7.2	7.0
14	7.3	7.0	7.4	7.2	6.9	6.7	7.2	7.0	7.2	6.7	7.2	7.0
15	7.4	7.1	7.5	7.2	7.0	6.9	7.2	7.0	7.0	6.9	7.1	6.8
16	7.3	7.1	7.5	7.1	7.0	6.8	7.2	7.0	7.0	6.8	6.9	6.7
17	7.3	7.1	7.4	7.1	7.0	6.8	7.1	7.0	7.0	6.8	6.8	6.7
18	7.3	7.0	7.4	7.1	7.0	6.8	7.1	6.9	6.9	6.8	6.8	6.7
19	7.3	7.0	7.4	7.2	6.9	6.8	7.0	6.8	7.0	6.8	6.8	6.7
20	7.3	7.0	7.4	7.0	7.0	6.8	7.0	6.8	7.0	6.9	6.8	6.7
21	7.3	7.0	7.4	7.1	7.0	6.9	7.0	6.9	7.1	6.9	6.7	6.6
22	7.3	7.0	7.5	7.1	7.0	6.9	7.1	6.9	7.1	6.9	6.8	6.7
23	7.3	7.0	7.3	6.9	7.0	7.0	7.1	6.8	7.2	6.8	6.9	6.8
24	7.3	7.1	7.2	6.9	7.1	6.9	7.2	6.9	7.2	6.8	6.9	6.8
25	7.3	7.1	7.1	6.9	7.1	7.0	7.1	7.0	7.2	6.8	6.9	6.8
26	7.4	7.2	7.2	7.0	7.1	7.0	7.1	6.8	7.2	7.0	6.9	6.7
27	7.4	7.2	---	---	7.1	7.0	7.0	6.8	7.2	7.0	6.9	6.7
28	7.4	7.1	---	---	7.1	7.0	7.0	6.8	7.3	7.0	6.9	6.7
29	7.4	7.2	---	---	7.0	6.8	7.0	6.9	---	---	7.0	6.7
30	7.4	7.2	---	---	7.0	6.8	7.2	7.0	---	---	7.0	6.7
31	7.4	7.1	---	---	7.1	6.9	7.2	7.0	---	---	7.0	6.8
MONTH	7.8	7.0	7.5	6.9	7.3	6.7	7.2	6.8	7.3	6.6	7.8	6.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.0	6.8	7.4	7.0	---	---	7.0	6.7	7.1	6.7	6.7	6.4
2	6.9	6.8	7.3	6.9	---	---	7.0	6.7	7.0	6.7	6.7	6.5
3	6.9	6.7	7.3	7.1	---	---	7.0	6.7	7.0	6.7	6.7	6.5
4	6.9	6.8	7.3	7.2	---	---	7.1	6.7	7.0	6.7	6.8	6.5
5	6.8	6.7	7.3	7.2	6.9	6.8	7.0	6.7	7.0	6.6	6.7	6.6
6	6.9	6.7	7.3	7.1	6.9	6.8	7.0	6.6	7.0	6.7	6.7	6.5
7	7.0	6.8	7.3	7.0	6.9	6.7	7.0	6.6	7.0	6.7	6.6	6.4
8	6.9	6.7	7.2	6.9	7.0	6.7	6.9	6.6	7.0	6.7	6.7	6.4
9	7.0	6.7	7.5	7.0	7.0	6.7	7.0	6.7	7.1	6.7	6.7	6.5
10	7.3	6.9	7.8	7.1	7.0	6.8	7.0	6.7	7.2	6.8	6.8	6.5
11	7.4	7.0	7.8	7.3	7.0	6.7	7.1	6.7	7.2	6.8	6.8	6.5
12	7.5	7.1	7.6	7.2	7.0	6.8	7.1	6.7	7.1	6.7	6.8	6.6
13	7.5	7.1	7.3	7.1	7.1	6.8	7.1	6.8	7.0	6.6	6.8	6.6
14	7.6	7.1	7.3	7.0	7.1	6.8	7.1	6.7	7.0	6.6	6.8	6.6
15	7.3	7.0	7.4	7.0	7.1	6.8	7.1	6.6	6.9	6.6	6.9	6.6
16	7.3	7.0	7.4	7.0	7.1	6.8	7.0	6.7	7.0	6.6	6.9	6.7
17	7.6	7.1	7.3	7.0	7.1	6.8	7.0	6.6	6.9	6.7	6.9	6.7
18	7.9	7.2	7.3	7.0	---	---	7.0	6.6	6.9	6.7	7.0	6.6
19	7.8	7.3	7.3	7.0	7.1	6.8	7.0	6.6	6.8	6.6	7.1	6.8
20	7.6	7.3	7.3	7.0	7.0	6.8	7.0	6.6	6.8	6.5	7.0	6.7
21	7.5	7.3	7.3	7.0	7.0	6.7	6.9	6.6	6.6	6.4	7.0	6.7
22	7.5	7.3	7.3	7.0	7.1	6.7	6.9	6.6	6.7	6.4	7.0	6.7
23	7.8	7.3	7.3	7.1	7.2	6.7	6.8	6.5	6.7	6.5	7.0	6.7
24	7.8	7.3	7.3	7.0	7.3	6.7	6.8	6.6	6.8	6.5	7.0	6.7
25	8.1	7.3	7.3	7.0	7.0	6.7	6.8	6.6	7.0	6.6	7.0	6.7
26	8.0	7.2	7.4	7.0	7.0	6.7	6.8	6.6	6.9	6.6	7.0	6.7
27	8.0	7.1	7.4	7.1	7.0	6.6	6.8	6.5	6.9	6.5	6.9	6.7
28	7.8	7.1	7.3	7.0	6.9	6.6	6.8	6.6	6.8	6.6	6.9	6.7
29	7.6	7.0	7.3	7.0	6.9	6.6	6.9	6.7	6.8	6.6	7.1	6.7
30	7.4	7.0	7.2	7.0	6.9	6.7	6.9	6.6	6.8	6.5	7.1	6.8
31	---	---	---	---	---	---	7.0	6.7	6.6	6.4	---	---
MONTH	8.1	6.7	7.8	6.9	7.3	6.6	7.1	6.5	7.2	6.4	7.1	6.4
YEAR	8.1	6.4										

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02172050 COOPER RIVER NEAR GOOSE CREEK, SC

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	24.5	25.0	21.5	21.0	21.5	20.5	19.5	20.0	10.0	9.5	9.5
2	25.5	24.5	25.0	21.5	21.0	21.0	20.0	18.5	19.5	10.0	9.5	9.5
3	25.5	24.5	25.0	21.5	20.5	21.0	18.5	16.5	18.0	10.0	9.0	9.5
4	25.5	24.5	25.0	21.5	20.0	21.0	17.5	15.5	16.5	9.5	9.5	9.5
5	25.5	25.0	25.5	20.0	18.5	19.5	16.5	15.0	16.0	10.0	9.5	9.5
6	25.0	24.0	24.5	20.0	18.0	19.0	15.5	14.5	15.0	9.5	9.0	9.5
7	25.0	23.0	24.0	19.5	18.5	19.0	14.5	13.5	14.0	9.5	9.0	9.5
8	24.5	22.5	24.0	19.0	17.5	18.5	14.0	13.5	13.5	9.0	8.0	8.5
9	23.5	22.5	23.0	18.5	17.5	18.0	14.0	13.5	13.5	8.0	8.0	8.0
10	23.5	23.0	23.0	19.0	18.0	18.5	14.0	13.5	14.0	8.0	8.0	8.0
11	24.0	23.5	23.5	19.5	18.5	19.0	14.5	13.5	14.0	8.5	8.0	8.0
12	24.0	23.5	24.0	20.0	19.0	19.5	15.0	14.0	14.5	8.5	8.0	8.5
13	24.0	23.5	24.0	20.0	19.5	20.0	15.0	14.5	15.0	8.5	8.0	8.5
14	24.5	23.5	24.0	20.5	19.5	20.0	15.5	14.5	15.0	9.0	8.0	8.5
15	25.0	24.0	24.5	21.0	20.0	20.5	14.5	13.5	14.0	9.0	8.0	8.5
16	25.0	24.5	25.0	21.0	19.5	20.5	14.0	12.5	13.5	8.5	7.5	8.5
17	25.0	24.5	25.0	21.0	20.0	20.5	13.5	12.0	12.5	9.0	8.0	8.5
18	25.0	24.0	24.5	21.5	20.0	21.0	13.0	11.0	12.0	9.0	9.0	9.0
19	25.0	24.0	24.5	21.5	21.0	21.5	12.0	11.0	11.5	9.5	9.0	9.5
20	25.0	24.0	24.5	22.0	21.0	21.5	11.5	11.0	11.0	9.5	9.5	9.5
21	25.0	24.5	24.5	22.0	21.0	21.5	11.5	10.5	11.0	10.0	9.0	9.5
22	25.0	24.5	25.0	22.0	19.5	21.0	11.0	10.0	10.5	10.0	9.0	9.5
23	25.0	24.0	24.5	20.0	19.0	19.5	10.5	10.0	10.0	10.0	9.5	10.0
24	25.0	24.0	24.5	19.5	18.5	19.0	11.0	10.0	10.5	10.0	9.5	10.0
25	24.5	24.0	24.5	19.0	18.5	19.0	11.0	10.5	11.0	10.0	9.0	9.5
25	24.5	24.0	24.0	19.0	18.5	19.0	10.5	9.0	9.5	10.0	9.0	9.5
27	24.0	23.0	23.5	19.5	19.0	19.5	9.5	8.5	8.5	9.0	7.5	8.5
28	23.5	23.0	23.5	20.0	19.5	20.0	9.0	9.0	9.0	11.5	6.0	7.5
29	23.5	21.5	22.5	20.5	20.0	20.5	9.5	9.0	9.0	7.5	5.0	6.5
30	22.5	20.5	21.5	21.0	20.0	20.5	9.5	9.0	9.0	7.5	6.5	7.0
31	21.5	20.5	21.0	---	---	---	9.5	9.0	9.0	7.5	6.5	7.0
MONTH	25.5	20.5	24.0	22.0	17.5	20.0	20.5	8.5	13.0	11.5	5.0	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.0	7.5	12.5	11.0	11.5	19.0	17.0	18.0	23.0	22.0	22.5
2	8.5	7.5	8.0	12.0	10.5	11.0	19.0	17.5	18.5	23.0	22.5	22.5
3	9.0	8.5	9.0	12.0	11.0	11.5	19.0	17.5	18.0	22.5	22.0	22.5
4	10.0	9.0	9.5	11.5	11.0	11.5	19.0	18.0	18.5	22.5	21.5	22.0
5	10.5	10.0	10.5	12.0	11.0	11.5	19.0	17.5	18.5	22.0	21.5	22.0
6	10.5	10.0	10.5	12.0	11.5	11.5	20.0	18.5	19.0	23.0	21.5	22.5
7	11.0	10.0	10.5	12.0	10.0	11.5	21.0	19.5	20.0	24.0	22.5	23.0
8	10.5	10.0	10.5	12.0	11.0	12.0	20.5	19.0	19.5	24.0	22.5	23.5
9	11.0	10.0	10.5	12.5	11.5	12.0	20.0	19.0	19.5	24.5	23.5	24.0
10	11.0	11.0	11.0	14.0	12.0	13.0	19.0	17.5	18.5	24.0	23.0	23.5
11	12.5	11.0	11.5	15.5	13.0	14.0	19.0	17.0	18.0	24.0	22.5	23.5
12	12.0	11.5	12.0	16.0	14.0	15.5	19.5	18.0	18.5	24.0	23.0	23.5
13	12.0	9.5	10.5	17.0	15.5	16.0	20.0	18.5	19.0	24.0	23.5	23.5
14	10.5	8.5	9.5	17.0	15.5	16.5	21.0	18.5	19.5	24.0	23.5	24.0
15	10.0	9.5	9.5	16.5	14.0	15.0	20.5	19.5	20.0	24.5	23.5	24.0
16	10.5	9.5	10.0	16.0	15.0	15.5	20.5	19.5	20.0	24.5	24.0	24.5
17	11.0	10.0	10.5	16.5	15.5	16.0	19.5	18.0	19.0	25.0	24.0	24.5
18	12.0	10.5	11.0	16.5	16.0	16.0	18.5	17.5	18.0	25.0	24.5	24.5
19	12.5	11.5	12.0	17.0	16.0	16.5	19.0	18.0	18.5	25.0	24.5	24.5
20	13.0	12.0	12.5	17.0	15.5	16.5	19.5	18.0	19.0	25.0	24.5	25.0
21	13.5	12.5	13.0	16.5	14.0	15.5	20.0	19.0	19.5	25.0	24.5	25.0
22	13.5	12.5	13.0	14.5	13.0	14.0	20.0	19.0	19.5	25.5	24.5	25.0
23	14.0	13.0	13.5	14.0	13.0	13.5	19.0	18.5	19.0	26.0	24.5	25.0
24	14.5	13.5	14.0	15.0	13.0	14.0	19.0	17.5	18.5	26.0	25.0	25.5
25	14.0	13.0	13.5	15.0	14.0	14.5	20.0	18.0	19.0	27.0	25.5	26.0
26	13.5	12.0	12.5	16.0	14.5	15.0	21.0	19.0	20.0	26.5	26.0	26.0
27	13.0	11.5	12.5	16.5	15.0	16.0	22.5	19.5	21.0	27.0	26.0	26.5
28	12.5	12.0	12.5	17.0	16.0	16.5	23.0	20.5	22.0	27.5	26.5	26.5
29	---	---	---	17.5	16.0	16.5	23.0	21.0	22.5	27.5	26.5	27.0
30	---	---	---	17.5	16.5	17.0	23.0	21.5	22.5	27.5	26.5	27.0
31	---	---	---	18.5	17.0	17.5	---	---	---	---	---	---
MONTH	14.5	7.0	11.0	18.5	10.0	14.5	23.0	17.0	19.5	27.5	21.5	24.5

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	29.5	29.0	29.0	31.5	31.0	31.0	24.5	24.0	24.0
2	---	---	---	30.0	29.0	29.5	31.5	31.0	31.0	24.5	24.0	24.5
3	---	---	---	30.0	29.5	29.5	31.0	30.5	31.0	25.5	24.5	25.0
4	---	---	---	30.0	29.5	29.5	31.0	30.5	31.0	26.0	25.0	25.5
5	26.5	25.5	26.0	29.5	29.0	29.0	31.0	30.0	30.5	25.5	25.5	25.5
6	26.0	25.0	25.5	29.5	28.5	29.0	31.0	30.5	31.0	25.5	25.0	25.5
7	26.0	25.0	25.5	30.0	29.0	29.5	31.0	30.0	30.5	26.0	25.0	25.5
8	28.0	25.5	26.5	30.5	29.5	30.0	31.0	30.0	31.0	26.5	25.5	26.0
9	28.5	27.5	28.0	30.5	30.0	30.0	31.0	30.0	31.0	26.5	25.5	26.0
10	28.0	27.5	27.5	31.0	30.0	30.5	31.5	30.5	31.0	26.5	25.5	26.0
11	27.5	27.0	27.5	31.0	30.0	30.5	31.5	30.5	31.0	26.5	25.5	26.0
12	28.0	27.5	27.5	31.0	30.0	30.5	31.0	30.0	30.5	26.5	26.0	26.0
13	28.5	27.5	28.0	31.0	30.0	30.5	30.5	29.0	30.0	27.0	26.0	26.5
14	28.0	27.5	28.0	31.0	30.0	30.5	30.0	28.5	29.0	26.5	26.5	26.5
15	28.0	27.0	27.5	31.0	30.0	30.5	29.0	28.0	28.5	26.5	26.0	27.0
16	27.5	26.5	27.0	31.0	30.5	30.5	29.0	28.0	28.5	27.0	26.0	26.5
17	28.0	26.5	27.0	31.0	30.0	30.5	29.5	28.5	29.0	26.5	26.5	26.5
18	---	---	---	31.5	30.5	31.0	30.0	29.5	29.5	26.5	25.5	26.0
19	27.0	26.5	27.0	31.5	31.0	31.0	29.5	29.0	29.5	26.0	25.0	25.5
20	27.0	26.5	27.0	32.0	31.5	31.5	29.0	28.5	28.5	26.5	25.5	26.0
21	27.5	27.0	27.0	32.0	31.5	32.0	29.0	28.0	28.5	26.5	26.0	26.5
22	27.0	26.5	27.0	31.5	30.5	31.0	29.0	28.0	28.5	27.0	26.0	26.5
23	27.5	26.5	27.0	31.0	30.0	30.5	29.5	29.0	29.0	27.5	26.5	27.0
24	27.5	26.5	27.0	31.0	30.0	31.0	30.0	29.0	29.5	27.5	27.0	27.0
25	27.5	27.0	27.5	31.5	30.5	31.0	30.0	29.5	30.0	27.5	26.5	27.0
26	28.5	27.5	28.0	31.0	30.0	30.5	30.0	28.5	29.5	27.5	27.0	27.5
27	28.5	28.0	28.5	30.5	29.5	30.0	30.0	29.0	29.5	27.5	27.5	27.5
28	28.5	28.0	28.5	31.0	30.0	30.5	29.5	28.0	29.0	28.0	27.5	27.5
29	29.0	28.0	28.5	31.0	30.5	30.5	28.0	26.5	27.5	28.0	27.5	27.5
30	29.5	28.0	29.0	31.5	30.5	31.0	26.5	24.5	25.5	28.0	27.5	28.0
31	---	---	---	31.5	31.0	31.0	25.0	24.0	24.5	---	---	---
MONTH	29.5	25.0	27.5	32.0	28.5	30.5	31.5	24.0	29.5	26.5	24.0	26.5
YEAR	32.0	5.0	20.5									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.8	6.8	7.2	7.2	6.6	6.9	7.0	6.7	6.8	9.7	9.3	9.6
2	7.6	6.6	7.1	7.2	6.6	6.9	7.3	6.5	6.8	9.7	9.3	9.5
3	7.4	6.4	7.1	7.3	6.7	7.0	7.7	7.1	7.3	9.6	9.2	9.4
4	7.5	6.4	7.0	7.4	6.9	7.2	8.0	7.3	7.3	9.6	9.3	9.5
5	7.4	6.8	7.2	7.5	7.1	7.3	8.2	7.5	7.9	9.6	9.2	9.3
6	7.5	6.9	7.3	7.6	7.3	7.4	8.1	7.8	7.9	9.6	9.2	9.4
7	7.5	6.9	7.2	7.7	7.2	7.4	8.3	7.9	8.1	9.7	9.2	9.4
8	7.3	6.5	6.9	7.6	7.0	7.3	8.5	8.0	8.2	10.0	9.2	9.5
9	7.3	6.8	7.1	7.5	7.0	7.2	8.6	8.0	8.3	10.1	9.7	9.9
10	7.1	6.5	6.8	7.7	6.9	7.3	8.6	7.9	8.2	9.9	9.6	9.8
11	6.9	6.3	6.6	8.1	7.1	7.5	9.0	7.7	8.3	9.9	9.4	9.6
12	6.3	6.0	6.2	8.0	7.3	7.7	8.7	8.1	8.4	9.8	9.3	9.6
13	6.5	5.6	6.1	8.0	7.5	7.7	8.3	7.7	8.0	9.9	9.3	9.6
14	7.1	5.9	6.3	7.9	7.3	7.6	8.1	7.5	7.8	9.9	9.3	9.6
15	7.2	6.0	6.4	8.0	7.2	7.5	8.2	7.7	7.9	10.0	9.6	9.8
16	7.1	6.1	6.5	7.7	7.1	7.5	8.3	7.8	8.0	10.0	9.6	9.8
17	6.8	6.1	6.4	7.5	7.0	7.3	8.4	7.9	8.1	10.0	9.7	9.8
18	6.8	5.8	6.3	7.5	6.8	7.2	9.2	8.0	8.5	9.9	9.6	9.8
19	6.6	6.0	6.2	7.3	6.8	7.1	9.0	8.8	8.9	9.8	9.2	9.5
20	6.4	5.8	6.2	7.4	6.3	6.9	9.1	8.5	8.7	9.2	8.9	9.1
21	6.3	5.7	6.0	7.0	6.5	6.8	9.0	8.8	8.9	9.2	9.0	9.1
22	6.0	5.6	5.8	7.0	6.4	6.8	9.1	8.9	9.0	9.9	8.6	9.3
23	5.9	5.6	5.8	6.9	5.9	6.5	9.2	8.9	9.0	9.7	9.3	9.5
24	6.7	5.7	6.1	6.3	5.8	6.1	9.4	8.9	9.2	9.6	9.0	9.3
25	7.0	6.2	6.5	6.0	5.7	5.9	9.6	9.3	9.4	9.5	8.9	9.2
26	7.5	6.6	6.9	6.2	5.8	5.9	9.7	9.3	9.5	9.3	8.7	9.0
27	7.2	6.5	6.9	6.5	5.9	6.2	9.9	9.4	9.7	9.2	8.7	8.9
28	6.8	6.5	6.7	6.8	6.0	6.4	9.8	9.5	9.7	9.4	5.2	8.8
29	7.0	6.4	6.6	7.0	6.5	6.7	9.6	9.3	9.5	9.2	8.7	8.9
30	7.2	6.3	6.8	7.0	6.5	6.8	9.7	9.2	9.5	10.7	10.1	10.4
31	7.1	6.6	6.9	---	---	---	9.8	9.4	9.5	10.8	10.1	10.4
MONTH	7.8	5.6	6.6	8.1	5.7	7.0	9.9	6.5	8.5	10.8	5.2	9.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	10.3	10.4	9.9	9.0	9.4	8.0	7.4	7.6	7.5	6.6	7.0
2	10.4	10.1	10.2	10.1	9.3	9.6	7.9	7.2	7.5	7.4	6.5	7.1
3	10.2	10.0	10.1	10.0	9.5	9.7	7.6	7.3	7.4	7.2	6.8	7.0
4	10.1	9.6	9.8	9.8	9.5	9.6	7.7	7.0	7.4	7.4	6.7	6.9
5	9.9	9.4	9.6	9.7	9.4	9.5	7.4	7.0	7.2	7.2	6.7	6.9
6	9.5	9.0	9.3	9.8	9.4	9.6	7.6	7.0	7.2	7.3	6.6	6.8
7	9.6	9.0	9.2	10.0	9.0	9.7	7.8	6.9	7.2	6.8	6.1	6.5
8	9.6	9.0	9.3	10.1	9.6	9.8	7.2	6.4	6.9	6.8	5.8	6.4
9	9.2	8.5	9.0	10.1	9.6	9.8	8.4	6.4	7.2	7.5	6.3	6.7
10	9.0	8.4	8.7	9.8	9.4	9.6	8.5	7.3	7.8	7.6	6.2	6.6
11	8.6	8.1	8.4	9.5	8.8	9.3	8.6	7.5	8.0	7.8	6.2	6.8
12	8.4	7.9	8.3	9.2	8.3	8.9	8.7	7.8	8.1	7.5	6.3	6.9
13	9.5	8.1	8.5	9.0	8.4	8.8	8.4	7.6	7.8	6.9	6.2	6.5
14	10.3	8.6	9.4	8.8	8.2	8.5	8.2	7.3	7.5	7.3	6.0	6.5
15	10.1	9.6	9.8	8.6	7.8	8.1	7.5	7.1	7.4	7.2	6.1	6.6
16	9.8	9.4	9.7	8.1	7.3	7.7	7.6	6.8	7.2	7.2	6.3	6.6
17	9.6	9.2	9.4	8.4	7.4	7.8	8.3	7.1	7.3	7.0	6.2	6.6
18	9.5	8.9	9.1	8.4	7.8	8.0	8.8	7.5	7.9	6.8	6.2	6.4
19	9.4	8.8	9.1	8.1	7.9	8.0	8.7	7.8	8.2	6.3	5.8	6.1
20	9.6	9.0	9.2	8.0	7.3	7.7	8.4	7.6	7.9	6.1	5.6	5.8
21	9.6	8.8	9.3	7.8	7.2	7.4	8.0	7.4	7.7	6.1	5.5	5.8
22	9.7	9.0	9.4	8.5	7.6	8.0	8.0	7.1	7.6	6.6	5.5	5.8
23	9.2	8.7	9.0	8.7	8.0	8.3	8.2	7.1	7.5	7.1	5.5	6.0
24	9.1	8.5	8.8	8.6	8.0	8.3	8.8	7.4	7.9	6.9	5.7	6.1
25	9.2	8.4	8.8	8.4	8.0	8.2	9.0	7.5	8.1	6.8	5.7	6.0
26	9.5	8.6	8.9	8.2	7.7	7.9	8.9	7.7	8.0	6.6	5.6	5.9
27	9.5	8.6	9.0	8.3	7.6	7.8	8.7	7.4	7.8	6.7	5.5	5.9
28	9.7	8.8	9.2	8.4	7.5	7.8	8.2	7.2	7.5	6.7	5.5	6.0
29	---	---	---	8.7	7.6	8.0	7.9	6.8	7.3	6.2	5.4	5.7
30	---	---	---	8.7	7.7	8.1	7.6	6.6	7.2	5.9	5.3	5.5
31	---	---	---	8.4	7.6	7.9	---	---	---	---	---	---
MONTH	10.5	7.9	9.3	10.1	7.2	8.6	9.0	6.4	7.6	7.8	5.3	6.4

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	5.5	4.8	5.2	5.6	4.8	5.2	5.1	4.6	4.9
2	---	---	---	5.9	5.3	5.6	5.5	4.8	5.2	5.3	4.7	4.9
3	---	---	---	6.1	5.5	5.8	5.7	4.9	5.2	5.6	4.6	5.1
4	---	---	---	6.0	5.3	5.6	5.3	4.9	5.1	5.7	4.9	5.2
5	5.4	4.6	4.9	6.0	5.3	5.6	5.4	4.5	4.9	5.4	4.8	5.2
6	5.7	4.7	5.0	6.1	5.3	5.6	5.8	4.4	5.0	5.6	4.8	5.1
7	5.9	5.0	5.3	6.0	5.2	5.5	5.9	4.6	5.1	5.8	4.9	5.2
8	5.9	5.1	5.5	6.2	5.2	5.6	5.6	4.7	5.1	6.3	5.0	5.4
9	5.8	5.2	5.5	6.2	5.4	5.7	5.3	4.5	4.9	6.3	5.3	5.7
10	5.7	5.2	5.4	6.2	5.4	5.7	4.9	4.4	4.7	6.8	5.5	6.1
11	6.2	5.1	5.6	6.0	5.2	5.7	5.2	4.2	4.7	6.7	5.9	6.4
12	5.9	5.1	5.5	5.7	5.2	5.5	5.1	4.5	4.9	6.3	5.7	6.0
13	5.8	5.2	5.5	5.6	5.1	5.4	5.0	4.3	4.7	6.2	5.6	5.9
14	5.5	4.9	5.3	5.6	5.2	5.4	5.4	4.5	5.0	6.1	5.7	5.9
15	5.2	4.6	4.9	5.5	4.7	5.2	5.4	5.0	5.2	6.2	5.7	5.9
16	4.9	4.4	4.6	5.3	4.7	5.0	5.5	5.0	5.2	6.5	5.7	6.0
17	4.4	4.0	4.2	5.4	4.6	5.0	5.9	5.0	5.3	6.4	5.7	5.9
18	---	---	---	5.2	4.5	4.9	5.8	5.0	5.3	7.0	5.5	6.1
19	6.1	5.3	5.8	5.1	4.3	4.7	5.9	4.9	5.3	7.0	5.9	6.3
20	6.6	5.3	5.7	5.1	3.9	4.4	5.5	5.0	5.2	6.9	6.0	6.5
21	6.8	5.6	6.0	4.9	3.8	4.2	5.6	4.4	5.0	6.9	6.0	6.6
22	7.2	5.6	6.2	4.2	3.5	3.7	6.1	4.6	5.2	6.7	5.8	6.4
23	7.5	5.9	6.4	3.9	3.1	3.4	5.9	5.0	5.4	6.6	5.8	6.3
24	7.1	6.0	6.5	4.8	3.4	4.0	6.1	4.9	5.5	6.5	5.7	6.2
25	6.7	5.8	6.3	5.1	4.0	4.4	6.2	5.3	5.6	6.4	5.4	5.9
26	6.4	5.4	5.9	4.8	4.3	4.6	5.9	5.2	5.7	6.1	5.3	5.7
27	5.9	5.1	5.6	4.9	4.3	4.6	5.9	4.9	5.5	5.9	5.3	5.6
28	5.6	4.9	5.3	4.8	4.4	4.6	6.0	5.1	5.5	5.7	5.3	5.5
29	5.1	4.8	5.0	4.7	4.3	4.5	5.6	5.1	5.4	5.6	5.3	5.4
30	5.1	4.8	4.9	4.7	4.2	4.5	5.5	5.0	5.2	5.6	5.1	5.3
31	---	---	---	5.2	4.5	4.8	5.3	4.8	5.1	---	---	---
MONTH	7.5	4.0	5.5	6.2	3.1	5.0	6.2	4.2	5.2	7.0	4.6	5.8
YEAR	10.8	3.1	7.1									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 33°00'15'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 6.6 mi from junction of East and West Branch Cooper River and at mile 23.2.

PERIOD OF RECORD.-October 1980 to September 1986 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to September 1986.
pH: June 1983 to September 1986.
WATER TEMPERATURE: June 1983 to September 1986.
DISSOLVED OXYGEN: June 1983 to September 1986.

INSTRUMENTATION.--USGS mini-monitor October 1980 to June 1983. USGS water-quality monitor since June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 30,100 microsiemens, Jul. 20, 1986; minimum, 60 microsiemens several days in May-July, and Sept. 1984.
pH: Maximum, 8.3 units, Sept. 19, 1983, Nov. 13, 20, 1983, Oct. 15, 16, 1984; minimum, 5.9 units, Jan. 18, 1985.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19-22, Aug. 13, 1986; minimum, 5.5°C, Jan. 24, 1985.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Mar. 4, 1984; minimum 2.5 mg/L, Jul. 31, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 30,100 microsiemens, Jul. 20; minimum, 90 microsiemens, Sept. 9, 11.
pH: Maximum, 7.7 units, Jul. 4; minimum, 6.2 units, Dec. 28.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19-22, Aug. 13; minimum, 7.0°C, Jan. 29.
DISSOLVED OXYGEN: Maximum, 10.5 mg/L, Feb. 8-10; minimum, 2.5 mg/L, Jul. 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9100	660	2500	6900	350	1240	2990	270	535	---	---	---
2	7000	300	1650	1650	100	273	269	221	246	---	---	---
3	3700	100	563	7200	100	1230	2240	173	374	---	---	---
4	350	100	123	5550	100	902	5740	119	733	---	---	---
5	1100	100	185	4300	100	500	3450	100	539	---	---	---
6	11800	100	2320	10600	100	1840	650	100	148	---	---	---
7	17700	450	4960	14000	600	4120	2050	100	344	---	---	---
8	20100	3850	10200	6750	250	1560	5550	100	919	---	---	---
9	15200	850	4640	8900	250	2420	6300	100	1220	---	---	---
10	16300	1400	5280	9800	300	2610	7650	100	2250	---	---	---
11	8550	700	2470	8350	300	1800	7700	350	1840	1490	220	489
12	12900	450	3380	8100	250	2140	4700	500	1560	1100	280	455
13	13600	1100	4590	7500	350	1930	2250	100	527	460	270	321
14	10300	850	3050	6780	369	1720	200	100	123	3050	290	389
15	8850	650	2750	7700	444	1830	900	100	229	650	230	304
16	6050	450	1670	6180	271	1370	1450	100	306	340	200	232
17	8450	400	2100	3350	261	858	2300	100	352	230	200	209
18	8400	500	2190	5280	224	1030	250	100	127	210	200	204
19	5250	100	1500	9010	450	2290	190	100	131	920	200	280
20	---	---	---	2380	377	877	150	100	138	310	200	220
21	---	---	---	3560	341	921	150	100	142	1940	200	528
22	---	---	---	6730	321	1340	2350	100	327	10500	210	1370
23	---	---	---	386	354	370	3100	100	606	1970	200	471
24	7150	400	1870	600	389	418	8500	100	1660	3930	230	928
25	6200	300	1470	1130	421	478	5300	100	656	3300	230	736
26	7900	150	2130	817	424	497	---	---	---	2490	230	578
27	9550	350	2290	594	431	488	---	---	---	950	230	356
28	7450	350	2120	743	381	461	---	---	---	1200	230	404
29	13900	150	5080	643	326	407	---	---	---	1580	210	398
30	12500	1400	3600	491	280	352	---	---	---	---	---	---
31	9300	900	2390	---	---	---	---	---	---	---	---	---
MONTH	20100	100	2850	14000	100	1280	8500	100	641	10500	200	467

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	230	200	214	---	---	---	3130	202	527
2	---	---	---	580	200	251	---	---	---	300	194	222
3	---	---	---	530	190	226	175	135	147	5160	209	846
4	600	190	388	970	200	288	3110	168	515	3160	211	667
5	4680	180	761	2970	200	446	970	247	356	5100	195	875
6	2190	190	478	3900	190	605	3900	313	981	5340	188	926
7	1500	190	351	1700	190	360	3630	388	786	1060	161	304
8	530	200	276	1000	200	290	2560	448	708	2310	154	346
9	1570	200	454	---	---	---	2110	532	767	13200	180	2050
10	2930	185	649	---	---	---	1930	591	761	13500	794	3530
11	1750	135	434	---	---	---	2100	518	638	11200	615	2430
12	695	110	172	672	170	409	1430	441	520	8400	376	1600
13	---	---	---	630	170	272	3330	371	880	7200	406	1580
14	---	---	---	360	170	201	8100	309	1520	9100	357	1700
15	---	---	---	200	190	194	5130	231	810	7900	298	1500
16	---	---	---	200	180	192	3420	200	496	6740	269	1460
17	---	---	---	210	180	193	1600	213	335	4430	255	1150
18	---	---	---	370	180	198	2220	207	374	7350	266	1500
19	---	---	---	4300	180	807	9300	209	2250	10000	277	2300
20	6850	190	1490	200	180	194	14700	220	4420	9150	327	2200
21	7200	180	1240	3300	200	545	16900	1160	5310	10200	468	2580
22	1470	190	408	2360	200	476	7960	538	2520	10000	529	2410
23	9570	190	2420	7360	200	1340	6870	361	2010	9550	610	2390
24	10500	310	2980	5450	180	1060	4630	224	869	7740	441	1750
25	4570	320	1270	4810	190	1090	4160	216	910	6020	452	1460
26	5290	200	1280	3810	180	920	4270	220	930	8230	683	2260
27	870	190	284	---	---	---	6390	232	1360	9100	774	2670
28	1080	190	330	---	---	---	5520	235	1320	7900	714	2250
29	---	---	---	---	---	---	3300	228	705	5010	600	1490
30	---	---	---	---	---	---	2180	227	467	5120	524	1670
31	---	---	---	---	---	---	---	---	---	3860	386	976
MONTH	10500	110	870	7360	170	468	16900	135	1200	13500	154	1600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4700	332	940	9620	214	1400	---	---	---	8660	300	1770
2	4630	275	898	7780	217	1200	---	---	---	9260	472	1940
3	12400	282	2210	11500	245	2100	---	---	---	8010	362	1340
4	8700	527	2360	---	---	---	---	---	---	7390	350	1480
5	9950	363	1820	---	---	---	15100	558	2440	6120	274	1300
6	9670	438	1870	---	---	---	12600	854	2900	1820	174	500
7	8420	333	1600	---	---	---	8070	754	2020	1330	140	359
8	5600	209	968	---	---	---	8640	604	1640	965	102	251
9	6060	174	710	---	---	---	3680	468	1060	865	90	234
10	7500	209	1340	11900	140	1430	6060	432	1360	580	92	178
11	11400	200	1750	15600	180	2760	6700	414	1600	1000	90	222
12	5610	150	920	14300	170	2190	7920	414	1610	2040	94	322
13	4110	150	650	4570	150	854	8940	422	1960	5750	106	726
14	3840	170	882	7500	150	988	9850	422	2190	7730	166	1250
15	7080	180	1830	18500	170	2710	12700	410	2350	9480	376	2230
16	6040	180	1700	21400	170	3530	13800	588	2880	8450	475	2020
17	8740	150	1540	21700	200	3740	6620	580	1930	9430	556	2310
18	14000	190	2700	21600	200	4060	5330	462	1380	7230	626	1980
19	15000	870	4780	28500	420	5820	2840	314	1680	2290	262	702
20	13300	800	3900	30100	800	7210	2550	236	665	1210	144	311
21	15400	810	3700	27600	1450	8600	1930	202	500	480	114	171
22	17300	610	4690	20100	1190	6150	1180	188	502	1670	114	308
23	17400	650	4520	15200	640	3470	1230	172	341	4730	130	663
24	14000	360	3310	11800	640	3220	1250	170	315	4150	152	542
25	5800	180	1240	12000	450	5090	5550	166	1070	2680	106	373
26	8270	370	2800	5380	230	787	2390	172	378	5440	105	686
27	13300	341	2820	4740	190	676	1900	156	336	8230	134	1460
28	5010	205	916	6690	190	797	4270	152	680	9150	172	1910
29	3290	194	577	17500	190	2280	8120	168	1500	9300	542	4750
30	4490	201	589	21100	180	3060	6030	278	1240	9220	1720	4830
31	---	---	---	24100	260	5140	8430	218	1220	---	---	---
MONTH	17400	150	2020	30100	140	3170	15100	152	1400	9480	90	1240
YEAR	30100	90	1480									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.5	7.4	7.5	7.3	7.2	6.9	7.0	6.7	---	---	6.9	6.8
2	7.5	7.4	7.4	7.2	7.1	7.0	6.9	6.7	---	---	7.0	6.8
3	7.5	7.4	7.6	7.2	7.2	7.0	6.9	6.7	---	---	7.0	6.7
4	7.5	7.3	7.4	7.1	7.3	6.9	6.8	6.6	---	---	7.2	6.8
5	7.5	7.3	7.4	7.2	7.2	6.9	6.9	6.6	6.6	6.4	7.1	6.8
6	7.6	7.3	7.6	7.2	7.2	6.9	7.0	6.5	6.6	6.4	7.3	6.9
7	7.6	7.5	7.5	7.1	7.2	6.8	6.9	6.6	6.7	6.5	7.2	6.9
8	7.6	7.5	7.4	7.0	7.1	6.7	7.1	6.5	6.8	6.6	7.1	6.9
9	7.5	7.4	7.5	7.0	7.1	6.8	6.8	6.5	6.9	6.7	---	---
10	7.5	7.4	7.4	7.0	7.2	6.8	6.9	6.5	6.9	6.7	---	---
11	7.4	7.3	7.3	7.0	7.2	6.8	7.0	6.6	7.0	6.7	---	---
12	7.4	7.3	7.3	7.1	7.2	7.0	6.9	6.6	6.8	6.7	---	---
13	7.4	7.3	7.4	7.1	7.2	6.9	6.9	6.6	---	---	7.0	6.7
14	7.4	7.2	7.4	7.1	---	---	7.0	6.6	---	---	7.0	6.9
15	7.3	7.2	7.4	7.1	---	---	7.0	6.7	---	---	7.1	6.9
16	7.3	7.2	7.4	7.2	7.1	6.9	7.0	6.6	---	---	7.1	6.9
17	7.3	7.2	7.4	7.1	7.3	6.8	7.0	6.7	---	---	7.0	6.9
18	7.3	7.3	7.5	7.1	6.9	6.8	6.9	6.8	---	---	7.0	6.9
19	---	---	7.5	7.2	6.9	6.7	7.1	6.8	---	---	7.1	6.9
20	---	---	7.4	7.2	6.9	6.6	7.0	6.7	6.6	6.4	7.1	7.0
21	---	---	7.4	7.2	6.8	6.4	7.2	6.7	6.7	6.5	7.1	6.9
22	---	---	7.5	7.0	7.1	6.6	7.1	6.6	6.8	6.6	7.1	6.9
23	---	---	7.1	7.0	6.9	6.6	7.1	6.7	6.9	6.7	7.2	6.8
24	---	---	7.1	6.8	7.1	6.7	7.0	6.6	7.0	6.7	---	---
25	7.4	7.2	7.1	6.8	7.0	6.6	7.1	6.6	6.9	6.7	---	---
26	7.4	7.2	7.2	6.8	7.5	6.6	7.0	6.6	6.9	6.4	---	---
27	7.5	7.2	7.2	6.8	6.8	6.4	7.0	6.6	6.7	6.3	---	---
28	7.4	7.2	7.1	7.0	6.7	6.2	7.1	6.5	6.8	6.6	---	---
29	7.5	7.3	7.2	7.0	6.9	6.6	6.8	6.4	---	---	---	---
30	7.5	7.4	---	---	6.9	6.6	---	---	---	---	---	---
31	7.5	7.3	---	---	7.1	6.6	---	---	---	---	---	---
MONTH	7.6	7.2	7.6	6.8	7.5	6.2	7.2	6.4	7.0	6.3	7.3	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1			---	---	7.4	7.3	7.6	7.4	---	---	7.4	7.0
2			---	---	7.4	7.3	7.6	7.4	---	---	7.4	7.0
3			---	---	7.4	7.3	7.6	7.4	---	---	7.2	7.0
4			---	---	7.5	7.3	7.7	7.5	---	---	7.2	7.0
5			--	---	7.4	7.3	7.6	7.5	7.4	7.3	7.2	7.1
6			---	---	7.5	7.3	7.6	7.4	7.4	7.3	7.2	7.0
7			---	---	7.4	7.3	7.6	7.4	7.4	7.3	7.2	6.9
8			---	---	7.4	7.3	7.6	7.4	7.4	7.3	7.1	6.9
9			---	---	7.4	7.3	7.6	7.4	7.5	7.3	7.1	7.0
10			7.6	7.4	7.5	7.3	7.6	7.5	7.5	7.3	7.1	7.0
11			7.5	7.4	7.5	7.3	7.6	7.5	7.5	7.3	7.2	7.0
12			7.5	7.4	7.5	7.4	7.6	7.5	7.5	7.4	7.2	7.1
13			7.5	7.4	7.5	7.4	7.6	7.5	7.4	7.3	7.3	7.1
14			7.5	7.4	7.5	7.4	7.6	7.4	7.4	7.2	7.3	7.1
15			7.5	7.4	7.6	7.4	7.6	7.4	7.3	7.1	7.3	7.2
16			7.4	7.4	7.5	7.4	7.6	7.4	7.4	7.2	7.3	7.2
17			7.5	7.4	7.6	7.4	7.6	7.4	7.4	7.1	7.3	7.2
18			7.6	7.4	7.5	7.4	7.6	7.4	7.3	7.1	7.2	7.2
19			7.6	7.5	7.5	7.4	7.5	7.4	7.3	7.2	7.3	7.2
20			7.6	7.4	7.5	7.4	7.5	7.4	7.3	7.0	7.3	7.2
21			7.5	7.4	7.5	7.4	7.5	7.3	7.2	7.0	7.4	7.3
22			7.4	7.3	7.5	7.4	7.5	7.3	7.2	7.0	7.4	7.3
23			7.4	7.3	7.5	7.4	---	---	7.3	7.0	7.5	7.3
24			7.4	7.3	7.5	7.4	---	---	7.2	7.0	7.5	7.3
25			7.4	7.3	7.5	7.4	---	---	7.3	6.9	7.6	7.3
26			7.4	7.3	7.6	7.4	---	---	7.3	7.0	7.6	7.3
27			7.4	7.3	7.6	7.4	---	---	7.3	7.1	7.5	7.2
28			7.4	7.3	7.5	7.4	---	---	7.4	7.0	7.5	7.2
29			7.4	7.3	7.6	7.4	---	---	7.4	7.2	7.5	7.2
30			7.4	7.3	7.6	7.4	7.4	7.3	7.4	7.2	7.4	7.3
31			7.4	7.3	---	---	7.4	7.3	7.3	7.1	---	---
MONTH			7.6	7.3	7.6	7.3	7.7	7.3	7.5	6.9	7.6	6.9
YEAR	7.7	6.2										

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	25.0	25.5	23.0	21.5	22.0	22.0	21.0	21.0	10.0	9.5	9.5
2	26.5	25.0	25.5	22.5	21.5	22.0	22.0	20.0	20.5	10.0	9.5	10.0
3	28.0	25.5	26.0	23.0	21.5	22.0	19.5	18.0	19.0	10.5	10.0	10.0
4	27.0	25.5	26.0	22.5	21.0	22.0	19.5	17.5	18.0	10.0	10.0	10.0
5	27.5	25.5	26.0	21.5	20.0	20.5	18.5	16.5	17.5	10.0	10.0	10.0
6	26.0	25.0	25.5	21.0	20.0	20.5	17.0	15.0	16.0	10.0	9.5	10.0
7	25.5	25.0	25.0	21.0	20.0	20.5	16.0	14.5	15.0	10.0	9.5	9.5
8	25.5	23.5	24.5	20.0	19.0	19.5	15.5	14.0	14.5	9.5	8.5	9.0
9	25.5	23.5	24.5	20.0	18.5	19.5	16.0	14.0	14.5	8.5	8.0	8.5
10	26.0	23.5	24.5	20.0	18.5	19.5	16.0	14.0	15.0	8.5	8.5	8.5
11	24.5	23.5	24.0	20.0	19.0	19.5	17.0	14.5	15.0	9.0	8.0	8.5
12	24.5	24.0	24.5	22.0	19.5	20.0	16.5	15.0	15.5	9.0	8.5	8.5
13	26.0	24.0	24.5	22.0	20.0	20.5	16.5	15.5	16.0	9.5	8.5	9.0
14	25.0	24.0	24.5	22.0	20.5	21.0	---	---	---	10.0	9.0	9.5
15	26.0	24.5	25.0	23.0	21.0	21.5	---	---	---	10.0	9.0	9.5
16	26.0	25.0	25.5	23.0	21.0	21.5	15.0	14.0	14.5	10.0	9.0	9.5
17	26.0	25.0	25.5	22.0	21.0	21.5	16.0	13.5	14.0	10.5	9.0	9.5
18	26.0	25.0	25.5	22.5	21.5	21.5	14.5	13.0	13.5	10.5	9.0	10.0
19	26.0	25.0	25.5	22.5	21.5	22.0	13.0	12.0	13.0	11.0	10.0	10.5
20	26.5	24.0	25.0	23.0	23.0	22.5	12.5	11.5	12.0	12.0	10.0	10.5
21	---	---	---	23.5	23.5	22.5	12.0	11.0	11.5	11.5	10.0	10.5
22	---	---	---	23.0	21.5	22.5	12.0	11.0	11.5	11.5	10.0	11.0
23	---	---	---	21.5	20.5	21.0	11.5	10.5	11.5	11.5	10.5	11.0
24	---	---	---	21.0	20.0	20.5	12.0	11.0	11.5	11.5	10.0	10.5
25	25.5	25.0	25.0	20.3	19.5	20.0	11.5	10.5	11.0	12.0	10.0	10.5
26	25.5	24.5	25.0	20.5	19.0	19.5	10.5	10.0	10.0	11.5	10.0	10.5
27	25.5	24.0	24.5	21.0	19.5	20.0	10.0	9.0	9.5	10.5	8.5	9.5
28	24.5	24.0	24.0	21.0	20.0	20.5	9.5	9.0	9.0	9.0	8.0	8.5
29	24.5	23.0	23.5	21.5	20.5	21.0	9.5	9.0	9.0	9.0	7.0	8.0
30	23.0	22.0	22.5	---	---	---	9.5	9.0	9.0	---	---	---
31	23.0	21.5	22.0	---	---	---	10.0	9.0	9.5	---	---	---
MONTH	28.0	21.5	25.0	23.5	18.5	21.0	22.0	9.0	13.5	12.0	7.0	9.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	13.0	12.0	12.5	---	---	---	23.0	22.5	23.0
2	---	---	---	12.5	11.5	12.0	---	---	---	23.5	23.0	23.0
3	---	---	---	12.5	11.5	12.0	---	---	---	23.0	22.5	23.0
4	---	---	---	12.0	12.0	12.0	19.0	18.5	15.0	23.0	22.5	22.5
5	11.0	10.0	10.5	12.5	12.0	12.0	19.5	18.5	19.0	22.5	22.0	22.5
6	11.0	10.5	11.0	12.5	12.0	12.5	20.0	19.0	19.5	23.0	22.0	22.5
7	11.5	10.5	11.0	13.0	12.0	12.5	20.5	19.5	20.0	23.5	22.5	23.0
8	11.5	10.5	11.0	13.5	12.5	13.0	20.5	20.0	20.0	24.0	23.0	23.5
9	11.5	10.5	11.0	---	---	---	20.0	20.0	20.0	24.0	23.5	24.0
10	12.5	10.5	11.5	---	---	---	20.0	19.0	19.5	23.5	23.5	23.5
11	14.0	11.0	12.5	---	---	---	19.5	18.5	19.0	24.0	23.0	23.5
12	15.0	11.5	12.5	---	---	---	19.0	18.5	18.5	24.0	23.5	23.5
13	---	---	---	17.0	15.0	16.5	19.5	19.0	19.0	24.0	23.5	23.5
14	---	---	---	17.0	16.5	17.0	20.0	19.0	19.5	24.0	23.5	24.0
15	---	---	---	17.0	15.5	16.5	20.5	19.5	20.0	24.5	23.5	24.0
16	---	---	---	16.0	15.5	16.0	20.5	20.0	20.0	24.5	24.0	24.0
17	---	---	---	16.0	15.5	16.0	20.0	19.0	20.0	24.5	24.0	24.5
18	---	---	---	17.0	16.0	16.5	19.5	18.5	19.0	25.0	24.5	25.0
19	---	---	---	17.0	16.5	16.5	19.0	18.5	19.0	25.0	24.5	25.0
20	13.0	12.0	12.5	17.0	17.0	17.0	19.5	18.5	19.0	25.0	24.5	25.0
21	13.5	12.5	13.0	17.0	15.5	16.5	19.5	19.0	19.5	25.0	25.0	25.0
22	14.0	13.5	14.0	15.5	14.5	15.0	20.0	19.0	19.5	25.5	25.0	25.0
23	14.5	13.5	14.0	15.0	13.5	14.5	19.5	19.0	19.0	25.5	25.0	25.0
24	15.0	13.5	14.0	15.0	14.0	14.5	19.0	18.5	19.0	26.0	25.0	25.5
25	15.0	14.0	14.5	15.0	14.5	15.0	19.5	18.5	19.0	26.5	25.5	26.0
26	15.0	13.0	14.0	16.0	15.0	15.5	20.0	19.0	19.5	26.5	26.0	26.0
27	14.5	13.0	13.5	---	---	---	21.5	19.5	20.5	27.5	26.0	26.5
28	13.5	12.5	13.0	---	---	---	22.0	20.5	21.0	27.5	26.5	27.0
29	---	---	---	---	---	---	22.5	21.0	22.0	28.0	27.0	27.5
30	---	---	---	---	---	---	23.0	22.0	22.5	28.0	27.0	27.5
31	---	---	---	---	---	---	---	---	---	28.0	27.0	27.5
MONTH	15.0	10.0	12.5	17.0	11.5	14.5	23.0	18.5	19.5	28.0	22.0	24.5

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	27.5	28.0	31.0	29.5	30.0	---	---	---	---	---	---
2	28.5	27.5	28.0	30.5	30.0	30.0	---	---	---	---	---	---
3	28.5	27.5	28.0	30.5	30.0	30.0	---	---	---	---	---	---
4	28.0	27.0	27.5	30.5	30.0	30.0	---	---	---	---	---	---
5	28.0	27.0	27.0	30.0	29.5	30.0	31.5	31.0	31.5	---	---	---
6	28.0	26.5	27.0	31.0	29.5	30.0	31.5	31.0	31.5	---	---	---
7	28.5	27.0	27.5	30.5	29.5	30.0	31.5	31.0	31.5	---	---	---
8	28.5	27.5	28.0	31.0	30.0	30.5	32.0	31.0	31.5	---	---	---
9	29.0	28.0	28.5	31.0	30.0	30.5	32.0	31.0	31.5	---	---	---
10	29.5	28.0	28.5	31.5	30.5	31.0	32.0	31.0	31.5	---	---	---
11	29.5	28.0	29.0	31.5	30.5	31.0	32.0	31.5	31.5	---	---	---
12	30.0	29.0	29.5	32.0	31.0	31.0	32.0	31.0	31.5	28.0	27.0	27.5
13	30.5	29.0	29.5	32.0	31.0	31.5	33.0	30.5	31.5	28.0	27.0	27.5
14	30.0	29.5	29.5	31.5	31.0	31.0	---	---	---	28.0	27.5	27.5
15	30.0	29.0	29.5	32.0	31.0	31.5	---	---	---	28.0	27.0	27.5
16	29.5	29.0	29.5	32.0	31.0	31.5	---	---	---	28.0	27.0	27.5
17	30.0	29.0	29.5	32.0	31.0	31.5	---	---	---	28.0	27.0	27.5
18	29.5	29.0	29.0	32.5	31.0	31.5	---	---	---	27.5	26.5	27.0
19	29.0	28.5	28.5	33.0	31.5	32.0	---	---	---	27.5	26.5	27.0
20	29.0	28.5	28.5	33.0	32.0	32.0	---	---	---	28.0	26.5	27.0
21	29.0	28.5	28.5	33.0	32.0	32.5	---	---	---	28.0	27.0	27.5
22	28.5	28.0	28.5	33.0	31.5	32.0	---	---	---	28.0	27.0	27.5
23	28.5	28.0	28.5	32.0	31.0	31.5	---	---	---	28.0	27.5	27.5
24	29.0	28.0	28.5	32.0	31.0	31.5	---	---	---	28.0	27.5	28.0
25	29.0	28.5	29.0	31.5	31.0	31.5	---	---	---	28.0	28.0	28.0
26	29.5	28.5	29.0	32.0	31.0	31.0	---	---	---	28.5	28.0	28.0
27	30.0	29.0	29.5	32.0	30.5	31.0	---	---	---	28.5	28.0	28.5
28	31.0	29.5	29.5	32.5	31.0	31.0	---	---	---	29.0	28.0	28.5
29	30.5	29.5	30.0	32.0	31.0	31.5	---	---	---	29.5	28.5	28.5
30	30.5	29.5	30.0	32.5	31.0	31.5	---	---	---	29.5	28.5	29.0
31	---	---	---	32.5	31.5	32.0	---	---	---	---	---	---
MONTH	31.0	26.5	28.5	33.0	29.5	31.0	33.0	30.5	31.5	29.5	26.5	27.5
YEAR	33.0	7.0	21.5									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.3	5.2	5.9	6.3	5.8	6.1	6.2	5.7	6.1	9.0	8.7	8.9
2	6.5	5.5	6.1	6.5	6.1	6.3	6.2	5.7	6.0	8.9	8.7	8.8
3	6.4	6.0	6.3	6.5	6.1	6.3	6.6	6.1	6.3	8.9	8.6	8.8
4	6.4	6.1	6.2	6.5	6.1	6.3	6.6	6.2	6.4	9.0	8.6	8.7
5	6.3	5.9	6.2	6.7	6.4	6.6	7.3	6.0	6.5	8.8	8.4	8.7
6	6.2	5.4	6.0	6.9	6.4	6.7	7.1	6.5	6.8	8.8	8.4	8.6
7	6.3	5.3	5.9	7.3	5.8	6.5	7.5	6.8	7.1	8.9	8.5	8.6
8	6.1	5.1	5.6	6.5	6.0	6.3	7.5	6.7	7.3	9.0	8.5	8.7
9	6.5	5.3	6.0	6.5	6.0	6.3	7.9	6.9	7.5	9.5	8.9	9.2
10	6.4	5.4	6.0	6.6	6.0	6.4	8.1	7.0	7.5	9.6	8.8	9.2
11	6.3	5.5	6.0	6.8	6.2	6.5	7.9	6.8	7.3	9.5	9.0	9.2
12	6.0	5.1	5.7	6.9	5.9	6.4	8.0	6.7	7.4	9.5	8.9	9.2
13	5.7	5.0	5.5	6.7	6.0	6.4	8.0	7.6	7.7	9.5	9.1	9.2
14	5.7	5.0	5.5	6.8	5.9	6.4	---	---	---	9.4	9.0	9.2
15	5.9	4.9	5.5	6.7	5.7	6.5	---	---	---	10.1	9.0	9.3
16	6.0	5.1	5.7	6.9	6.1	6.6	8.1	7.5	7.7	9.5	9.0	9.3
17	6.1	5.1	5.7	6.7	6.3	6.5	8.2	7.6	7.8	9.6	9.1	9.3
18	6.0	5.1	5.7	6.6	6.1	6.4	8.4	7.7	8.1	9.7	9.2	9.5
19	---	---	---	6.4	5.4	6.0	8.7	7.9	8.2	9.7	9.0	9.3
20	---	---	---	6.3	5.7	6.0	8.5	8.1	8.3	9.3	8.9	9.1
21	---	---	---	6.3	5.6	5.9	8.9	8.4	8.7	9.3	8.8	9.0
22	---	---	---	6.0	5.6	5.8	9.1	8.0	8.8	9.3	8.4	8.8
23	---	---	---	6.2	5.8	6.0	9.2	8.8	8.9	8.8	8.4	8.6
24	6.2	5.0	5.4	6.3	5.6	6.0	8.8	8.0	8.5	8.7	8.4	8.5
25	5.6	5.1	5.4	5.8	5.3	5.6	8.5	8.0	8.3	8.9	8.3	8.6
26	6.0	5.2	5.7	5.8	5.3	5.5	8.7	8.1	8.5	8.8	8.3	8.6
27	6.2	5.3	5.9	6.0	5.4	5.7	8.9	9.5	8.7	8.9	8.3	8.6
28	6.3	5.7	6.0	6.1	5.6	5.9	9.1	6.7	8.9	9.0	8.6	8.8
29	6.4	5.7	6.1	6.1	5.7	6.0	9.1	8.7	8.9	9.2	8.8	9.0
30	6.7	5.7	6.1	---	---	---	9.1	8.6	8.8	9.3	8.9	9.1
31	6.2	5.7	6.0	---	---	---	9.0	8.5	6.8	---	---	---
MONTH	6.7	4.9	5.9	7.3	5.3	6.2	9.2	5.7	7.8	10.1	8.3	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	8.5	7.7	8.1	---	---	---	6.4	5.7	6.1
2	---	---	---	8.7	8.1	8.4	---	---	---	6.5	6.2	6.3
3	---	---	---	8.9	8.1	8.5	---	---	---	6.6	5.8	6.2
4	9.5	8.8	9.2	8.7	8.1	8.5	6.8	6.3	6.6	6.5	5.7	6.1
5	9.7	9.0	9.4	8.9	7.8	8.4	6.8	6.5	6.6	6.5	5.8	6.1
6	9.7	9.3	9.5	8.8	7.6	8.4	6.7	6.2	6.4	6.4	5.8	6.1
7	10.2	7.7	9.4	8.9	7.0	8.2	6.7	6.3	6.5	6.4	5.9	6.1
8	10.5	8.8	9.7	8.7	6.3	8.1	6.6	6.2	6.5	6.3	5.7	6.0
9	10.5	8.7	9.5	---	---	---	6.7	6.3	6.5	8.3	5.3	5.9
10	10.5	8.2	9.1	---	---	---	6.9	6.2	6.5	6.1	5.3	5.7
11	10.1	6.8	8.3	---	---	---	7.0	6.2	6.6	6.3	5.5	5.9
12	9.4	6.3	7.9	---	---	---	7.0	6.3	6.7	6.6	5.5	6.2
13	---	---	---	8.3	7.4	7.9	6.7	6.2	6.5	6.7	5.8	6.3
14	---	---	---	7.9	7.3	7.6	6.7	5.9	6.4	6.7	5.5	6.0
15	---	---	---	8.0	7.6	7.8	6.6	6.0	6.4	6.0	5.2	5.6
16	---	---	---	7.9	7.4	7.7	6.9	6.3	6.7	6.0	5.2	5.6
17	---	---	---	7.6	7.1	7.3	7.0	6.5	6.8	6.0	5.3	5.7
18	---	---	---	7.3	5.9	6.7	7.6	6.7	7.0	6.1	5.3	5.7
19	---	---	---	7.0	6.3	6.7	7.6	6.6	7.3	6.2	5.3	5.6
20	8.4	8.0	8.2	6.9	6.5	6.7	7.6	6.1	7.0	5.9	5.2	5.5
21	8.6	7.2	8.2	6.8	6.3	6.5	7.3	6.5	6.9	5.8	5.0	5.4
22	9.0	7.8	8.5	7.0	6.5	6.7	7.4	6.7	7.1	5.6	4.8	5.2
23	8.8	6.5	8.1	7.6	6.2	7.0	7.7	7.0	7.3	5.6	4.7	5.1
24	8.5	6.0	7.7	7.8	6.4	7.2	8.1	7.2	7.7	5.7	4.7	5.1
25	8.3	5.6	7.3	7.7	6.9	7.3	8.2	7.1	7.7	5.4	4.5	5.1
26	8.0	5.9	7.3	7.7	6.4	7.0	7.9	6.9	7.6	5.4	4.4	4.9
27	8.0	7.5	7.7	---	---	---	7.6	6.6	7.2	5.0	4.4	4.8
28	8.2	7.5	7.9	---	---	---	6.8	6.2	6.5	5.5	4.3	4.8
29	---	---	---	---	---	---	6.7	6.0	6.3	5.3	4.5	4.9
30	---	---	---	---	---	---	6.6	5.6	6.3	5.1	4.5	4.9
31	---	---	---	---	---	---	---	---	---	5.2	4.6	5.0
MONTH	10.5	5.6	8.5	8.9	5.9	7.6	8.2	5.6	6.8	8.3	4.3	5.6

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.2	4.6	5.0	5.8	4.4	5.4	4.0	2.9	3.4	---	---	---
2	5.3	4.5	4.9	5.7	4.5	5.3	---	---	---	---	---	---
3	5.3	4.4	5.0	5.6	4.4	5.1	---	---	---	---	---	---
4	5.3	4.6	5.0	5.4	4.6	5.0	4.9	4.0	4.7	---	---	---
5	5.5	4.5	5.0	5.4	4.9	5.2	4.9	3.8	4.6	---	---	---
6	5.4	4.5	5.1	5.6	5.1	5.3	4.8	4.1	4.5	---	---	---
7	5.3	4.6	5.0	5.8	4.2	5.2	5.0	4.2	4.6	---	---	---
8	5.3	4.7	5.1	5.8	4.4	5.5	5.2	4.2	4.7	---	---	---
9	5.4	4.8	5.1	5.9	4.1	5.1	5.4	4.6	4.9	---	---	---
10	5.3	4.7	5.1	5.0	4.4	4.7	5.3	4.4	4.9	---	---	---
11	5.2	4.5	4.9	5.0	4.4	4.7	5.4	4.2	4.7	---	---	---
12	5.3	4.4	4.8	5.0	4.5	4.8	7.2	4.1	5.0	6.2	5.8	6.1
13	5.4	4.6	5.0	5.0	4.6	4.8	7.4	2.7	5.1	6.1	5.5	5.9
14	5.2	4.6	4.9	4.9	4.5	4.7	---	---	---	6.0	5.3	5.8
15	5.2	4.5	4.9	4.7	4.1	4.5	---	---	---	6.0	5.1	5.7
16	5.2	4.6	5.0	4.6	4.0	4.4	---	---	---	5.9	5.1	5.6
17	5.3	4.6	5.0	5.1	3.7	4.3	---	---	---	6.0	5.2	5.7
18	5.4	4.6	5.0	4.2	3.5	3.9	---	---	---	6.0	4.8	5.5
19	5.2	4.1	4.7	4.0	3.2	3.7	---	---	---	5.7	4.8	5.3
20	5.0	4.2	4.6	3.8	2.8	3.4	---	---	---	5.9	5.1	5.6
21	5.3	4.2	4.7	3.4	2.8	3.2	---	---	---	6.1	5.7	5.9
22	5.5	4.3	4.8	3.4	2.8	3.2	---	---	---	6.0	5.5	5.9
23	5.7	4.5	5.0	3.4	2.7	3.1	---	---	---	5.8	5.1	5.6
24	6.0	4.6	5.3	3.3	2.7	3.1	---	---	---	5.6	5.1	5.5
25	5.9	5.3	5.6	3.4	2.6	2.9	---	---	---	6.2	5.1	5.6
26	5.6	4.9	5.3	3.4	2.9	3.2	---	---	---	5.7	5.1	5.5
27	5.4	4.8	5.2	3.4	3.0	3.2	---	---	---	5.5	4.6	5.2
28	5.4	5.0	5.2	3.5	3.0	3.3	---	---	---	5.2	4.2	4.8
29	5.5	5.0	5.3	3.5	2.9	3.3	---	---	---	4.9	3.7	4.3
30	5.6	5.2	5.4	3.5	2.7	3.3	---	---	---	4.2	3.0	3.7
31	---	---	---	3.4	2.5	3.1	---	---	---	---	---	---
MONTH	6.0	4.1	5.0	5.9	2.5	4.2	7.4	2.7	4.7	6.2	3.0	5.4
YEAR	10.5	2.5	6.4									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00", long 79°55'23", Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

PERIOD OF RECORD.--June 1983 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1983 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor since June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 33,700 microsiemens, Nov. 3, 1984; minimum, 60 microsiemens Feb. 10, 12, 14, 1985, Jan. 5, 6, 1986.
pH: Maximum, 8.2 units, Jan. 24, 1986; minimum, 6.3 units, March 12, 19, 1985, Nov. 26-28, 1986.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 5.5°C, several days in Jan. 1984 and Jan. 1985.
DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 5, 1984; minimum, 3.0 mg/L, many days in 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 28,100 microsiemens, Dec. 30; minimum, 60 microsiemens, Jan. 5, 6.
pH: Maximum, 8.2 units, Jan. 24; minimum, 6.3 units, March 12, 19, Nov. 26-28.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21; minimum, 7.0°C, Jan. 30.
DISSOLVED OXYGEN: Maximum, 9.6 mg/L, Feb. 4; minimum 3.4 mg/L, Jun. 24.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13200	450	5940	13700	520	4570	11200	120	2060	11500	80	3280
2	11700	410	4300	6930	210	1470	5940	100	1160	9130	70	2780
3	9460	90	2330	12300	190	3390	8730	80	1930	5430	70	1290
4	4450	120	879	11000	80	4000	13400	80	4300	5980	70	1160
5	6410	100	1440	7700	70	1760	16700	100	5100	9210	60	2290
6	14200	130	4430	14700	100	4990	12700	130	2610	10100	60	3310
7	18600	1800	9500	15600	1900	5640	13000	130	4470	10100	70	3260
8	23400	6600	14300	18400	730	9520	18800	130	5570	11100	70	2770
9	17000	1630	7480	24800	400	9660	17100	120	6130	5540	70	1060
10	13300	1470	6150	22900	870	9500	17500	130	7830	7330	70	2510
11	9870	260	3020	16500	620	6260	20100	800	9620	10000	70	3820
12	16800	320	6290	17600	290	6650	15400	1030	5900	8940	80	2880
13	17200	2180	8960	16100	470	6180	10800	100	2320	5810	70	1440
14	14100	1450	6710	17300	420	5580	---	---	---	9360	80	2570
15	13400	1110	6110	16800	610	5890	---	---	---	10800	70	2530
16	11300	760	4480	14400	410	4840	9470	120	6760	11300	180	2360
17	12900	510	5190	14000	130	3980	11400	120	2820	7690	180	1590
18	17300	790	5500	13600	120	4030	6590	100	1750	6910	180	1000
19	12400	590	4850	18600	740	8380	7910	120	2110	10600	180	3030
20	11900	260	3590	11800	240	6750	5870	120	1130	9210	180	2770
21	20400	180	5420	18300	137	7950	4230	120	735	15900	190	6620
22	18200	470	7130	15300	120	4320	10400	100	2650	21800	190	7790
23	14900	520	6130	4650	120	839	12500	130	4590	14400	700	5650
24	14300	540	5840	6230	120	1300	19000	120	7620	18500	700	7280
25	12500	400	5040	8240	120	1570	15500	100	4350	15900	890	5710
26	13900	240	5170	6920	100	1360	12200	120	3240	10400	610	2940
27	15000	680	6470	4510	90	683	10500	120	2150	4270	340	1160
28	17400	420	5860	5230	90	766	6420	100	927	2940	180	805
29	27400	1330	9750	4680	100	702	12600	120	2630	7000	310	1830
30	17800	2720	8830	---	---	---	28100	120	5800	3740	420	2200
31	14900	1450	5770	---	---	---	19100	170	7960	---	---	---
MONTH	27400	90	5900	24800	70	4570	28100	80	4010	21800	60	2990

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	2460	249	882	9350	388	3470	8920	234	2860
2	---	---	---	4460	232	1150	8660	370	2630	4480	342	1530
3	---	---	---	4620	204	1160	5730	320	1820	11400	340	3600
4	5610	404	2460	6810	234	2330	9910	310	310	10800	460	4180
5	11700	366	3430	8440	247	3280	5650	310	2000	10800	460	4230
6	10100	380	3000	11100	350	2850	8640	320	3450	11400	530	4480
7	7620	351	1740	8970	320	2190	7800	450	3130	6810	450	2750
8	4930	269	1330	7650	290	1900	7930	350	2060	9260	360	2100
9	6560	323	2060	6980	320	1910	7830	400	2320	18800	570	6440
10	7930	397	2520	6170	340	2350	5170	390	2020	17800	2020	8510
11	4610	419	1790	6940	480	[illegible]	---	---	---	18100	1470	6580
12	3210	303	1030	4520	410	1810	---	---	---	14800	1010	4550
13	1670	270	596	3760	360	1500	---	---	---	15100	1300	5470
14	1260	240	520	3230	290	1170	---	---	---	15000	900	5490
15	1250	240	359	1020	260	406	---	---	---	14900	780	5260
16	5340	300	2250	1790	250	544	---	---	---	14100	720	5580
17	7200	320	2720	3610	260	966	6520	360	2420	12300	670	5580
18	9410	392	4040	4480	260	1190	6540	292	2380	13400	680	6230
19	9490	390	3910	7940	325	3090	13800	290	7070	16800	730	7510
20	13400	410	5700	4370	285	1180	19700	950	10800	15800	860	6830
21	15900	520	4360	7780	280	3090	21100	3490	11500	16600	1000	6870
22	8510	320	3050	8600	320	3320	14900	1500	6830	15600	1110	6270
23	15500	390	6800	15000	300	5440	13200	1080	5890	14700	1200	6060
24	15600	1120	7400	13400	450	4800	11500	571	3510	12000	1060	4710
25	11200	1000	5010	12200	470	4490	9650	537	3510	13000	910	4130
26	10900	830	4560	9440	526	3850	10800	561	3280	13400	1280	5400
27	9890	523	2790	8820	482	3300	11300	615	3960	14300	1390	5790
28	4650	376	1630	9020	437	2810	11200	579	3820	13400	1230	5330
29	---	---	---	8180	302	1840	8900	392	2650	11400	1090	4650
30	---	---	---	5100	298	1450	8290	398	2550	---	962	5400
31	---	---	---	7060	333	2170	---	---	---	10200	782	4110
MONTH	15900	240	3000	15000	204	2300	21100	290	3890	18800	234	5110

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11400	650	4320	---	---	---	16000	1290	6710	20200	540	6840
2	12000	570	4070	13500	383	3150	16700	980	5970	18000	810	6730
3	18200	640	6220	16800	510	4840	15000	840	4930	15700	627	5050
4	16200	1230	7400	21400	1610	9270	17100	800	5500	12900	607	4980
5	15900	870	5530	15700	1700	7440	19900	960	7140	11000	587	4270
6	17200	980	6340	15500	1130	5670	16900	1420	7830	7620	387	2410
7	15400	890	5130	13200	870	4360	14900	1140	6100	6360	287	1850
8	12100	740	3830	11900	680	3830	13700	960	5150	5160	207	1200
9	11000	125	1070	11700	640	3830	11000	790	4040	5600	177	1260
10	---	120	132	11700	560	3590	11100	720	4320	4530	147	1110
11	11400	100	1870	13200	750	4960	---	---	---	5710	111	1020
12	13300	580	4200	12000	680	4690	---	---	---	7080	280	1830
13	10800	570	4330	9510	540	3490	---	---	---	11000	300	2890
14	11200	570	5030	9310	470	3380	14800	690	3930	13900	410	4410
15	14700	750	7010	13800	510	4890	13400	680	5590	14100	860	6070
16	14500	765	6710	15200	630	5600	---	---	---	13700	970	5530
17	14700	610	5770	15900	700	5490	---	---	---	14100	1070	5790
18	18100	670	6890	15800	780	5570	---	---	---	11100	1130	5230
19	19500	2050	9980	17200	1050	6570	10100	559	3730	6820	585	2440
20	17900	130	7340	18000	1340	7310	7150	397	2210	3470	326	1140
21	18700	140	6840	15900	1790	7840	5360	275	1360	2820	248	717
22	16000	150	7720	12400	1520	6220	3360	203	943	7190	229	1720
23	14700	150	4430	12500	1020	4350	4640	144	1080	10400	231	2980
24	7600	140	470	11100	970	4120	5640	111	1340	9040	262	2700
25	6830	140	615	10500	790	5980	9930	290	2630	6930	216	1830
26	11800	1010	4960	5970	470	1470	6520	320	1810	10100	320	2880
27	12200	790	4680	6760	450	2220	6880	290	1740	13000	560	5010
28	4230	1200	4140	9230	450	2920	7540	260	2700	14300	450	5050
29	---	130	---	12100	460	4170	13700	320	4590	23900	2470	11600
30	---	---	---	16000	570	5630	13500	620	4920	21200	3670	12300
31	---	---	---	18700	1070	7560	15400	420	4600	---	---	---
MONTH	19500	100	4890	21400	383	5010	19900	111	4030	23900	111	3960
YEAR	28100	60	4160									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	7.1	7.4	7.0	7.2	6.6	7.8	7.1	---	---	7.4	7.0
2	7.4	7.2	7.3	6.9	7.1	6.6	7.8	7.0	---	---	7.5	7.1
3	7.4	7.1	7.5	6.9	7.3	6.7	7.5	6.9	---	---	7.6	7.1
4	7.4	7.1	7.5	6.9	7.5	6.8	7.6	6.9	7.8	7.1	7.6	7.2
5	7.5	7.0	7.5	6.9	7.5	6.8	7.8	6.8	8.0	7.1	7.7	7.2
6	7.6	7.0	7.6	6.9	7.4	6.8	7.8	6.8	7.9	7.0	7.8	7.2
7	7.6	7.4	7.7	7.2	7.6	6.8	7.8	6.9	7.7	7.0	7.7	7.2
8	7.7	7.4	7.6	7.1	7.7	6.9	7.8	7.0	7.6	6.9	7.7	7.3
9	7.6	7.3	7.6	7.1	7.6	6.9	7.6	7.0	7.6	6.9	7.7	7.4
10	7.6	7.3	7.6	7.1	7.6	7.0	7.7	7.0	7.7	6.9	7.7	7.4
11	7.4	7.1	7.5	7.0	7.6	7.2	7.8	7.1	7.5	6.9	7.6	7.4
12	7.4	7.1	7.5	7.0	7.5	7.2	7.8	7.2	7.3	6.7	7.6	7.3
13	7.4	7.1	7.4	7.1	7.4	7.0	7.6	7.1	7.2	6.6	7.5	7.2
14	7.3	7.0	7.4	7.1	---	---	7.8	7.1	7.0	6.6	7.5	7.0
15	7.3	7.0	7.4	7.1	---	---	7.8	7.1	7.1	6.7	7.2	6.9
16	7.2	7.0	7.4	7.1	7.5	6.9	7.7	7.1	7.5	7.0	7.3	6.8
17	7.3	7.0	7.4	7.0	7.5	6.9	7.6	7.0	7.6	7.0	7.3	6.7
18	7.3	7.0	7.5	7.0	7.4	6.9	7.5	7.0	7.7	7.0	7.3	6.7
19	7.3	7.0	7.5	7.1	7.5	6.8	7.8	6.9	7.7	7.0	7.4	6.8
20	7.3	7.0	7.4	7.0	7.4	6.8	7.7	6.9	7.9	6.9	7.2	6.7
21	7.4	7.0	7.4	7.0	7.3	6.8	7.9	6.9	7.9	7.0	7.4	6.7
22	7.4	7.0	7.5	6.8	7.6	6.9	8.0	7.0	7.6	6.9	7.4	6.7
23	7.4	7.0	7.2	6.7	7.7	6.9	8.1	7.2	7.8	7.0	7.6	6.8
24	7.3	7.0	7.3	6.5	7.9	7.0	8.2	7.2	7.8	7.2	7.6	6.9
25	7.3	7.0	7.2	6.4	7.8	7.1	8.1	7.3	7.6	7.2	7.5	7.0
26	7.4	7.0	7.1	6.3	7.7	7.0	8.0	7.3	7.6	7.1	7.5	6.9
27	7.4	7.1	6.9	6.3	7.7	7.0	7.8	7.2	7.6	7.1	7.4	6.9
28	7.4	7.0	6.9	6.3	7.6	7.0	7.9	7.1	7.4	7.0	7.4	6.8
29	7.5	7.2	6.9	6.4	7.8	6.9	7.8	7.1	---	---	7.4	6.8
30	7.5	7.3	---	---	7.8	6.9	---	---	---	---	7.3	6.8
31	7.4	7.2	---	---	7.9	7.1	---	---	---	---	7.3	6.9
MONTH	7.7	7.0	7.7	6.3	7.9	6.6	8.2	6.8	8.0	6.6	7.8	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.4	6.9	7.4	7.0	7.2	6.8	---	---	7.5	7.3	7.6	6.8
2	7.4	6.8	7.3	6.9	7.2	6.8	7.6	7.2	7.5	7.2	7.5	6.9
3	7.3	6.8	7.5	6.9	7.3	6.8	7.5	7.1	7.5	7.1	7.4	6.8
4	7.4	6.8	7.4	7.0	7.3	6.9	7.6	7.3	7.5	7.1	7.3	6.8
5	7.3	6.8	7.4	7.0	7.3	6.9	7.5	7.2	7.5	7.1	7.3	6.8
6	7.3	6.8	7.4	7.0	7.3	6.9	7.5	7.1	7.5	7.2	7.2	6.7
7	7.3	6.9	7.4	7.0	7.3	6.9	7.4	7.1	7.5	7.1	7.2	6.7
8	7.3	6.8	7.4	6.9	7.3	6.9	7.5	7.1	7.5	7.1	7.1	6.6
9	7.4	6.8	7.5	6.9	7.5	6.6	7.5	7.1	7.5	7.1	7.1	6.6
10	7.3	6.9	7.5	7.1	7.2	6.8	7.6	7.1	7.6	7.0	7.1	6.7
11	---	---	7.5	7.1	7.3	6.8	7.7	7.2	7.4	7.0	7.2	6.7
12	---	---	7.4	7.0	7.4	7.0	7.5	7.1	---	---	7.3	6.8
13	---	---	7.4	7.0	7.5	7.0	7.6	7.1	---	---	7.3	6.8
14	---	---	7.4	7.0	7.5	7.0	7.5	7.1	7.4	7.1	7.4	6.9
15	---	---	7.4	7.0	7.5	7.0	7.5	7.1	7.4	7.0	7.4	7.0
16	7.3	6.9	7.4	6.9	7.4	7.0	7.5	7.2	7.3	7.2	7.3	7.0
17	7.5	6.9	7.4	7.0	7.4	7.0	7.4	7.1	---	---	7.3	7.0
18	7.5	7.0	7.5	7.0	7.4	7.0	7.4	7.1	---	---	7.3	7.0
19	7.7	7.0	7.5	7.0	7.5	7.2	7.4	7.2	7.3	7.0	7.2	7.0
20	7.8	7.3	7.5	7.0	7.5	6.8	7.4	7.1	7.2	6.8	7.2	6.9
21	7.7	7.4	7.5	7.0	7.7	7.1	7.3	7.1	7.2	6.7	7.2	7.0
22	7.5	7.3	7.4	6.9	7.4	7.1	7.3	7.1	7.1	6.7	7.4	7.0
23	7.5	7.3	7.3	6.9	7.4	7.1	7.2	7.0	7.1	6.7	7.5	7.0
24	7.5	7.2	7.3	6.9	7.3	6.9	7.2	7.0	7.2	6.7	7.7	7.0
25	7.5	7.1	7.3	6.9	7.4	7.1	7.2	7.0	7.3	6.7	7.7	7.0
26	7.4	7.2	7.3	6.9	7.5	7.1	7.2	7.0	7.3	6.8	7.8	7.0
27	7.5	7.1	7.3	6.9	7.5	7.1	7.3	6.9	7.4	6.9	7.8	7.1
28	7.4	7.1	7.2	6.9	7.4	6.9	7.4	6.9	7.4	6.9	7.8	7.0
29	7.3	7.0	7.2	6.9	---	---	7.4	7.0	7.6	6.9	7.7	7.3
30	7.3	7.0	7.2	6.9	---	---	7.5	7.1	7.5	7.0	7.6	7.4
31	---	---	7.2	6.9	---	---	7.5	7.2	7.6	6.8	---	---
MONTH	7.8	6.8	7.5	6.9	7.7	6.6	7.7	6.9	7.6	6.7	7.8	6.6
YEAR	8.2	6.3										

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.5	24.5	25.0	22.5	21.5	22.0	21.0	20.5	20.5	10.0	9.0	9.5
2	25.5	25.0	25.5	22.0	21.5	21.5	21.0	20.0	20.5	10.0	9.5	9.5
3	26.0	25.5	25.5	22.0	21.5	21.5	20.0	18.5	19.0	10.0	9.5	9.5
4	26.5	25.5	26.0	22.0	21.0	21.5	19.0	17.5	18.5	10.0	9.5	9.5
5	26.0	25.5	26.0	21.0	20.0	20.5	18.5	16.5	17.5	10.0	9.5	10.0
6	25.5	25.0	25.5	20.5	19.5	20.0	17.5	15.0	16.5	10.0	9.0	9.5
7	25.0	24.5	25.0	20.5	19.5	20.0	16.5	14.5	15.5	10.0	9.5	9.5
8	25.0	24.0	24.5	20.0	19.0	19.5	16.0	14.0	15.0	9.5	8.5	9.0
9	25.0	24.0	24.5	19.5	18.5	19.0	15.5	14.0	14.5	8.5	8.0	8.5
10	25.0	24.0	24.5	19.5	18.5	19.0	15.5	14.0	15.0	8.5	8.0	8.5
11	24.5	24.0	24.5	19.5	19.0	19.5	15.5	14.5	15.0	9.0	8.0	8.5
12	24.5	24.0	24.5	20.0	19.5	19.5	15.5	14.5	15.0	9.0	8.0	8.5
13	24.5	24.0	24.5	20.5	20.0	20.0	16.0	15.0	15.5	8.5	8.0	8.5
14	25.0	24.0	24.5	21.0	20.0	20.5	---	---	---	9.0	8.0	8.5
15	25.5	24.5	25.0	21.5	20.5	21.0	---	---	---	9.0	8.5	9.0
16	26.0	25.0	25.5	21.5	21.0	21.0	14.5	14.0	14.5	9.5	8.5	9.0
17	25.5	25.0	25.5	22.0	21.0	21.0	14.5	13.5	14.0	9.5	9.0	9.0
18	25.5	25.0	25.5	22.0	21.0	21.5	14.0	13.0	13.5	9.5	9.0	9.0
19	25.5	25.0	25.5	22.0	21.5	21.5	13.5	12.0	13.0	10.0	9.5	9.5
20	25.5	25.0	25.5	22.0	22.0	22.0	12.5	11.0	12.0	10.0	9.5	9.5
21	25.5	25.0	25.5	22.5	22.0	22.0	11.5	11.0	11.0	10.5	9.5	10.0
22	25.5	25.0	25.5	22.5	21.0	22.0	11.5	11.0	11.0	10.5	9.5	10.0
23	25.5	24.5	25.0	21.5	20.5	21.0	11.5	11.0	11.0	10.5	10.0	10.0
24	25.5	25.0	25.0	21.0	20.0	20.5	12.0	11.0	11.5	10.5	9.5	10.0
25	25.0	24.5	25.0	20.5	19.5	20.0	11.5	10.5	11.0	10.0	10.0	10.0
26	25.0	24.0	24.5	20.0	19.0	19.5	10.5	9.5	10.0	10.0	9.5	10.0
27	24.5	24.0	24.0	20.0	19.0	19.5	10.0	9.0	9.5	9.5	8.5	9.0
28	24.0	23.5	24.0	20.5	19.5	20.0	9.5	8.5	9.0	8.5	8.0	8.0
29	23.5	22.5	23.0	21.0	20.0	20.5	10.0	8.5	9.0	8.0	7.5	8.0
30	22.5	22.0	22.5	---	---	---	10.0	9.0	9.0	8.0	7.0	7.5
31	22.5	22.0	22.0	---	---	---	10.0	9.0	9.5	---	---	---
MONTH	26.5	22.0	25.0	22.5	18.5	20.5	21.0	8.5	13.5	10.5	7.0	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	13.0	12.0	12.5	18.0	17.0	17.5	23.0	22.0	23.0
2	---	---	---	12.5	11.5	12.0	18.5	17.5	18.0	23.5	22.5	23.0
3	---	---	---	12.0	11.5	11.5	19.0	18.0	18.5	23.0	22.5	23.0
4	10.5	10.0	10.5	12.0	11.5	11.5	19.0	18.0	18.5	23.0	22.0	22.5
5	11.0	10.0	10.5	12.0	11.5	11.5	19.0	18.5	19.0	22.5	22.5	22.5
6	11.0	10.5	10.5	12.0	11.5	12.0	19.5	18.5	19.0	23.0	22.5	22.5
7	11.0	10.5	11.0	12.0	11.5	12.0	19.5	19.0	19.0	23.5	22.5	23.0
8	11.0	11.0	11.0	12.0	11.5	12.0	19.5	19.0	19.5	24.0	23.0	23.5
9	11.5	10.5	11.0	12.5	11.5	12.0	20.5	18.5	19.5	24.0	23.0	23.5
10	11.5	11.0	11.0	13.5	12.0	12.5	19.5	18.5	19.0	24.0	23.0	23.5
11	12.0	11.5	11.5	14.0	13.0	13.5	---	---	---	24.5	22.5	23.5
12	12.0	11.5	11.5	15.0	13.5	14.0	---	---	---	24.5	21.0	23.5
13	11.5	11.0	11.5	16.5	14.5	15.5	---	---	---	24.0	23.5	23.5
14	11.5	10.0	10.5	17.0	15.5	16.5	---	---	---	25.0	23.0	24.0
15	10.5	9.5	10.0	17.0	16.0	16.5	---	---	---	25.0	23.5	24.0
16	11.0	9.5	10.0	16.5	15.5	16.0	20.5	20.0	20.5	25.0	23.5	24.5
17	11.5	10.0	10.5	17.0	15.5	16.0	20.5	19.0	20.0	25.0	24.0	24.5
18	11.5	10.5	11.0	16.5	16.0	16.5	20.0	19.0	19.5	25.0	24.0	24.5
19	12.0	11.0	11.5	17.5	16.0	16.5	19.5	18.5	19.0	25.0	24.5	25.0
20	12.5	11.5	12.0	17.0	16.5	17.0	19.5	18.5	19.5	25.5	23.0	25.0
21	13.0	12.0	12.5	16.5	16.0	16.5	20.0	19.0	19.5	25.5	25.0	25.0
22	13.5	12.5	13.0	16.0	14.5	15.5	20.0	19.0	19.5	25.5	25.0	25.0
23	13.5	13.0	13.5	15.0	14.0	14.5	19.5	18.5	19.0	25.5	25.0	25.5
24	14.0	13.0	13.5	15.0	14.0	14.5	19.0	18.5	19.0	26.0	25.0	25.5
25	14.0	13.0	13.5	15.0	14.0	14.5	19.5	18.5	19.0	27.0	25.5	26.0
26	13.5	13.0	13.5	16.0	14.5	15.0	20.5	19.0	19.5	27.0	26.0	26.0
27	13.5	13.0	13.0	16.0	15.0	15.5	21.5	20.0	20.5	27.5	26.0	26.5
28	13.5	12.5	13.0	17.0	15.5	16.0	22.5	20.5	21.0	27.5	26.5	27.0
29	---	---	---	17.5	16.0	16.5	22.5	21.0	22.0	27.5	26.5	27.0
30	---	---	---	18.0	16.5	17.0	23.0	21.5	22.5	28.0	27.0	27.5
31	---	---	---	18.5	16.5	17.5	---	---	---	28.0	27.0	27.5
MONTH	14.0	9.5	11.5	18.5	11.5	14.5	23.0	17.0	19.5	28.0	21.0	24.5

BEST COPY AVAILABLE

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	27.5	28.0	---	---	---	32.0	31.5	32.0	26.5	25.0	25.5
2	28.5	28.0	28.0	30.5	30.0	30.0	32.0	31.5	31.5	26.0	25.0	25.5
3	29.0	27.5	28.0	30.5	30.0	30.0	32.0	31.5	31.5	26.0	25.0	25.5
4	28.0	27.0	27.5	30.0	29.5	30.0	31.5	31.0	31.5	26.0	25.0	25.5
5	27.5	27.0	27.5	30.0	29.5	30.0	31.5	31.0	31.5	26.0	25.5	26.0
6	27.5	27.0	27.5	30.0	29.5	29.5	31.5	30.5	31.5	26.5	25.5	26.0
7	28.0	27.0	27.5	30.5	29.5	30.0	31.5	30.5	31.0	26.5	25.5	26.0
8	28.5	27.5	28.0	31.0	29.5	30.0	31.5	31.0	31.0	27.0	26.0	26.0
9	29.0	28.0	28.5	31.0	30.0	30.5	31.5	31.0	31.0	26.5	26.0	26.5
10	---	---	---	31.5	30.0	30.5	31.5	31.0	31.0	27.0	26.5	26.5
11	30.0	28.5	29.0	31.5	30.0	30.5	---	---	---	27.0	26.5	26.5
12	30.0	28.5	29.0	31.0	30.5	31.0	---	---	---	27.0	26.5	27.0
13	30.5	29.0	29.5	31.5	30.5	31.0	---	---	---	27.5	27.0	27.0
14	29.5	29.0	29.5	31.5	30.5	31.0	30.0	30.0	30.0	27.5	26.5	27.0
15	29.5	29.0	29.5	31.5	30.5	31.0	30.0	29.5	29.5	27.5	27.0	27.0
16	29.5	29.0	29.0	31.5	30.5	31.0	29.5	29.5	29.5	27.5	27.0	27.5
17	30.0	29.0	29.5	31.5	31.0	31.0	---	---	---	27.5	26.5	27.0
18	29.5	28.5	29.0	31.5	31.0	31.5	---	---	---	27.0	26.5	26.5
19	29.0	28.5	29.0	32.0	31.0	31.5	30.0	29.5	30.0	27.0	26.5	26.5
20	29.0	28.5	29.0	32.0	31.5	32.0	29.5	29.0	29.5	27.0	26.5	26.5
21	29.0	27.5	28.5	32.5	31.5	32.0	29.5	29.0	29.0	27.5	26.5	27.0
22	29.0	27.5	28.5	32.0	31.5	31.5	29.5	28.5	29.0	28.0	27.0	27.0
23	29.0	28.5	28.5	32.0	31.0	31.5	29.5	29.0	29.0	28.0	27.0	27.5
24	---	---	---	31.5	31.0	31.5	30.5	29.0	29.5	28.0	27.0	27.5
25	30.0	29.0	29.5	31.5	31.0	31.5	30.0	29.5	30.0	28.0	27.5	28.0
26	29.5	29.0	29.0	31.5	31.0	31.0	30.5	29.5	30.0	28.5	28.0	28.0
27	29.5	28.5	29.0	31.5	30.5	31.0	30.0	29.5	30.0	28.5	27.5	28.0
28	29.5	---	---	31.5	30.5	31.0	30.0	29.5	29.5	28.5	28.0	28.0
29	---	---	---	31.5	31.0	31.0	29.0	27.5	28.5	28.5	28.0	28.0
30	---	---	---	31.5	31.0	31.5	27.5	26.5	27.0	28.5	28.0	28.5
31	---	---	---	32.0	31.0	31.5	27.0	25.5	26.0	---	---	---
MONTH	30.5	27.0	28.5	32.5	29.5	31.0	32.0	25.5	30.0	28.5	25.0	27.0
YEAR	32.5	7.0	21.0									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.9	5.2	6.2	6.5	5.9	6.2	6.3	5.7	6.0	9.0	8.6	8.8
2	6.9	5.4	6.1	6.6	6.1	6.4	6.4	6.0	6.2	8.9	8.5	8.8
3	6.3	5.4	6.0	6.6	6.2	6.5	6.6	6.3	6.4	8.9	8.7	8.8
4	6.3	5.9	6.2	6.7	6.2	6.4	6.9	6.2	6.6	8.9	8.6	8.8
5	6.2	5.8	6.1	7.0	6.7	6.8	7.2	6.2	6.7	8.9	8.4	8.7
6	6.2	5.3	5.7	7.0	6.5	6.8	7.5	6.4	7.1	8.8	8.4	8.6
7	5.8	4.8	5.2	6.9	6.4	6.6	7.7	6.8	7.3	8.7	8.4	8.6
8	5.2	4.5	4.8	7.0	6.4	6.6	7.9	7.0	7.5	8.8	8.3	8.7
9	5.4	4.0	4.9	7.2	6.4	6.8	7.9	7.0	7.5	9.3	8.7	8.9
10	5.2	3.7	4.7	7.4	6.6	7.0	8.0	6.9	7.5	9.2	8.7	9.0
11	5.2	4.2	4.7	7.7	6.8	7.3	8.0	6.9	7.4	9.2	8.6	8.9
12	5.2	4.3	4.7	7.8	6.1	7.2	7.8	6.8	7.4	9.2	8.7	9.0
13	5.2	4.6	4.9	8.0	6.1	7.0	7.9	7.1	7.6	9.2	8.9	9.1
14	5.5	4.7	5.1	6.9	5.9	6.5	---	---	---	9.1	8.9	9.0
15	5.4	4.5	5.1	6.8	5.8	6.4	---	---	---	9.5	8.9	9.2
16	5.8	4.9	5.4	6.8	5.9	6.4	7.8	7.5	7.6	9.4	9.0	9.2
17	6.0	5.1	5.6	6.7	5.9	6.4	7.9	7.5	7.7	9.4	9.1	9.3
18	6.2	5.3	5.8	6.6	5.9	6.3	8.0	7.6	7.8	9.5	9.2	9.3
19	6.4	5.6	6.0	6.4	5.7	6.1	8.4	7.6	8.0	9.3	9.0	9.1
20	6.6	5.4	6.1	6.4	5.7	6.0	8.4	7.9	8.2	9.1	8.7	8.9
21	6.7	6.0	6.3	6.7	5.7	6.1	8.7	8.2	8.5	8.9	8.6	8.8
22	6.7	6.1	6.4	6.3	6.0	6.2	8.7	8.2	8.6	9.2	8.5	8.8
23	6.9	6.2	6.6	6.3	6.1	6.2	8.7	8.4	8.6	9.2	8.9	9.0
24	7.0	4.8	5.8	6.2	5.9	6.1	8.6	8.1	8.3	9.2	8.8	9.0
25	5.7	4.9	5.3	5.9	5.5	5.7	8.7	8.1	8.5	9.1	8.6	8.9
26	5.9	5.1	5.6	5.7	5.4	5.5	8.9	8.4	8.6	9.1	8.5	8.7
27	6.1	5.2	5.7	6.2	5.3	5.5	9.0	8.5	8.8	8.8	8.3	8.7
28	6.2	5.3	5.9	5.9	5.4	5.6	9.1	8.7	8.9	8.9	8.4	8.6
29	6.2	5.6	5.9	5.9	5.5	5.8	9.1	8.6	8.9	9.2	8.5	8.8
30	6.4	5.6	6.0	---	---	---	8.9	8.5	8.7	9.5	9.1	9.3
31	6.3	5.7	6.0	---	---	---	9.3	8.5	8.7	---	---	---
MONTH	7.0	3.7	5.6	8.0	5.3	6.4	9.3	5.7	7.8	9.5	8.3	8.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	8.9	8.2	8.6	7.0	6.5	6.7	5.6	4.6	5.1
2	---	---	---	9.1	8.2	8.7	7.2	6.3	6.9	5.5	4.4	5.1
3	---	---	---	9.1	7.9	8.7	7.0	6.6	6.9	5.7	5.4	5.6
4	9.6	9.2	9.4	8.9	7.4	8.3	6.9	6.4	6.7	6.1	5.6	5.9
5	9.3	9.0	9.1	9.1	7.3	8.4	6.9	6.4	6.6	6.5	6.0	6.2
6	9.1	8.8	8.9	9.2	8.1	8.8	6.7	6.2	6.5	6.8	6.4	6.6
7	8.8	8.6	8.7	9.2	8.2	8.9	6.6	6.2	6.4	7.3	6.8	7.0
8	8.8	8.5	8.7	9.2	8.4	8.9	6.6	6.0	6.4	7.6	7.2	7.4
9	8.8	8.4	8.6	9.3	8.4	8.9	6.5	6.0	6.3	7.9	6.8	7.7
10	8.7	8.5	8.6	9.3	8.3	8.9	6.7	6.1	6.4	8.0	7.2	7.4
11	8.6	8.3	8.4	9.1	8.1	8.6	---	---	---	7.5	7.0	7.2
12	8.4	8.1	8.2	8.9	8.0	8.6	---	---	---	7.4	6.9	7.1
13	8.4	7.9	8.2	8.5	8.0	8.3	---	---	---	7.5	6.9	7.2
14	8.8	8.1	8.4	8.2	7.8	8.0	---	---	---	7.1	6.7	6.9
15	9.5	8.4	9.0	8.0	7.7	7.8	---	---	---	6.9	6.5	6.7
16	9.5	8.5	9.0	7.8	7.5	7.7	---	---	---	6.8	6.4	6.6
17	9.4	8.7	9.1	7.5	7.2	7.3	6.4	6.1	6.3	6.8	6.3	6.6
18	9.3	8.6	9.0	7.2	6.9	7.0	6.3	5.9	6.1	6.7	6.3	6.5
19	9.3	8.6	8.9	7.1	6.7	6.9	6.3	5.6	5.8	6.6	6.3	6.4
20	8.9	8.5	8.7	7.0	6.7	6.9	5.9	5.2	5.6	6.8	6.3	6.5
21	8.8	8.3	8.6	6.9	6.6	6.8	6.0	5.2	5.6	6.4	6.1	6.3
22	9.1	8.1	8.6	7.0	6.6	6.8	5.8	5.1	5.5	6.4	6.0	6.2
23	8.8	7.9	8.3	7.2	6.6	6.9	5.5	5.0	5.3	6.3	5.9	6.1
24	8.6	7.6	8.1	7.5	6.6	7.1	5.3	5.0	5.2	6.2	5.9	6.1
25	8.4	7.7	8.1	7.5	6.6	7.1	5.5	5.0	5.2	6.1	5.8	6.0
26	8.4	7.8	8.1	7.6	6.7	7.2	5.3	4.8	5.1	6.0	5.6	5.8
27	8.5	7.8	8.2	7.5	6.8	7.2	5.1	4.7	4.9	5.8	5.5	5.7
28	8.7	8.0	8.4	7.2	6.7	7.1	5.1	4.6	4.8	5.9	5.4	5.7
29	---	---	---	7.2	6.7	7.1	4.8	4.5	4.7	6.0	5.6	5.8
30	---	---	---	7.2	6.7	7.0	5.2	4.4	4.7	6.1	5.7	5.9
31	---	---	---	7.1	6.6	6.9	---	---	---	6.0	5.7	5.8
MONTH	9.6	7.6	8.6	9.3	6.6	7.8	7.2	4.4	5.9	8.0	4.4	6.4

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.0	5.5	5.8	5.3	4.7	5.2	5.2	4.5	4.9	5.0	4.5	4.8
2	5.9	5.5	5.7	5.2	4.3	4.8	5.2	4.7	5.1	4.8	4.5	4.7
3	5.8	5.1	5.4	4.4	4.1	4.4	5.4	5.0	5.2	4.7	4.3	4.6
4	5.7	5.2	5.5	4.3	4.0	4.2	5.5	5.0	5.3	5.1	4.6	4.8
5	5.7	5.3	5.5	4.2	4.0	4.1	5.6	4.3	5.4	5.5	4.2	5.1
6	5.6	5.3	5.5	4.2	4.0	4.1	5.8	5.4	5.6	5.9	5.3	5.7
7	5.7	5.3	5.5	4.1	3.9	4.0	6.0	5.5	5.8	6.4	5.8	6.1
8	5.6	5.3	5.5	4.1	3.6	4.0	6.2	5.8	6.0	6.9	6.2	6.6
9	5.4	5.4	5.4	4.2	3.5	4.1	6.6	6.0	6.3	7.4	6.7	7.0
10	---	---	---	4.6	3.8	4.4	7.3	6.1	6.5	7.8	7.0	7.5
11	6.1	5.7	6.0	4.9	4.3	4.7	7.8	7.0	7.4	7.9	6.6	7.4
12	5.8	5.6	5.7	5.3	4.5	5.1	8.0	7.5	7.8	7.2	6.1	6.8
13	5.6	5.4	5.5	5.7	5.0	5.4	8.0	7.5	7.8	6.9	5.9	6.5
14	5.5	5.2	5.4	5.9	5.4	5.8	7.9	6.4	7.5	6.6	5.6	6.2
15	5.4	5.0	5.2	6.3	5.6	6.0	7.4	6.5	6.8	6.3	5.4	5.9
16	5.3	4.9	5.1	6.6	6.0	6.4	6.8	6.7	6.8	6.0	5.3	5.8
17	5.1	4.7	4.9	7.4	6.6	6.9	---	---	---	---	---	---
18	5.0	4.6	4.8	7.0	5.9	6.7	---	---	---	5.6	4.7	5.2
19	4.8	4.5	4.6	6.8	6.0	6.5	6.5	5.7	6.2	6.0	4.8	5.4
20	4.8	4.3	4.5	6.4	5.4	6.2	6.5	5.7	6.2	6.7	5.5	6.1
21	4.7	4.2	4.4	6.2	5.5	6.0	6.4	5.6	6.1	7.1	6.3	6.7
22	4.5	4.2	4.3	6.1	5.2	5.9	6.4	5.5	6.0	7.0	6.0	6.7
23	4.4	4.1	4.3	6.0	5.1	5.8	6.1	5.3	5.9	6.8	6.0	6.5
24	5.1	3.4	4.1	5.9	5.2	5.6	6.0	5.2	5.7	6.8	6.1	6.4
25	4.7	4.5	4.6	5.8	5.2	5.5	5.8	5.1	5.6	7.2	6.0	6.6
26	4.5	4.3	4.4	5.7	5.3	5.6	5.7	5.1	5.5	7.3	6.6	6.8
27	4.5	4.3	4.4	5.7	5.1	5.5	5.6	5.2	5.5	6.8	6.2	6.5
28	5.1	4.4	4.8	5.6	5.3	5.5	5.5	5.0	5.4	6.7	5.9	6.3
29	5.2	4.5	5.1	5.6	5.2	5.4	5.5	5.0	5.2	6.3	5.3	5.8
30	5.3	5.1	5.2	5.5	4.8	5.2	5.3	5.0	5.1	6.1	4.8	5.4
31	---	---	---	5.3	4.7	5.1	5.2	4.8	5.0	---	---	---
MONTH	6.1	3.4	5.1	7.4	3.5	5.3	8.0	4.3	6.0	7.9	4.2	6.1
YEAR	9.6	3.4	6.6									

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02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 33°00'51", long 79°56'15", Berkeley County, Hydrologic Unit 03050201, on east bank of Back River at South Carolina Electric and Gas intake.

PERIOD OF RECORD.--May 1982 to September 1986 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1982 to September 1986
WATER TEMPERATURE (BOTTOM): August 1982 to September 1986
WATER TEMPERATURE (TOP): November 1982 to January 31, 1986

INSTRUMENTATION.--USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 361 microsiemens, Jul. 19, 1982; minimum, 71 microsiemens, Mar. 27, 28, 1983.
WATER TEMPERATURE (BOTTOM): Maximum 32.5°C, Jul. 21, 1986; minimum, 4.5°C, Jan. 23-25, 27. 1985.
WATER TEMPERATURE (TOP): Maximum, 33.9°C, Aug. 4, 1983; minimum, 4.9°C, Jan. 21, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 271 microsiemens, Oct. 30; minimum, 102 microsiemens, Jan. 19, Feb. 1
WATER TEMPERATURE (BOTTOM): Maximum, 32.5 Jul. 21 minimum, 4.5°C, Jan. 28, 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	147	131	139	198	175	183	139	109	121	119	110	113
2	165	142	152	181	174	176	140	115	126	120	113	115
3	158	150	155	179	149	168	145	114	130	120	113	115
4	159	141	151	168	151	161	135	112	124	121	114	117
5	168	136	150	175	146	167	133	114	123	124	114	118
6	155	121	145	175	135	161	141	122	127	123	117	120
7	147	118	135	166	129	146	131	113	123	122	114	118
8	199	119	141	160	138	147	131	110	117	122	109	116
9	171	129	148	147	128	138	135	111	127	119	112	116
10	197	149	162	149	129	135	143	114	128	124	114	117
11	166	149	154	163	131	144	154	121	134	121	111	116
12	160	147	153	187	142	158	191	136	162	120	111	116
13	172	139	151	162	147	155	171	141	157	127	116	122
14	185	152	164	165	148	157	159	143	155	127	115	122
15	167	155	161	161	154	157	157	119	141	129	119	123
16	166	158	162	194	156	169	155	120	135	127	116	121
17	163	157	160	181	162	168	152	117	138	125	112	119
18	203	159	173	171	152	165	146	118	133	124	107	115
19	188	167	178	171	151	159	136	110	123	118	102	108
20	180	169	174	205	162	175	127	109	118	131	112	122
21	174	151	166	179	157	168	137	117	125	131	103	114
22	167	158	163	179	150	159	133	109	121	125	104	112
23	167	162	164	170	124	160	137	108	123	121	107	112
24	167	158	165	166	115	144	135	108	116	115	105	110
25	166	151	161	164	107	141	133	110	120	116	107	111
26	161	134	153	156	104	139	136	118	124	118	108	113
27	164	133	147	160	113	145	128	115	119	127	115	122
28	158	143	151	156	106	135	125	114	120	132	115	126
29	158	145	152	144	107	127	129	109	120	127	113	120
30	271	162	209	134	108	123	132	111	119	126	112	119
31	217	175	196	---	---	---	121	109	113	122	103	114
MONTH	271	118	159	205	104	154	191	108	128	132	102	117

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	126	102	114	141	118	130	148	132	140	140	134	137
2	132	104	117	145	125	133	148	129	135	144	136	141
3	132	107	116	148	132	140	140	126	132	144	137	141
4	134	103	113	151	130	141	143	125	134	145	140	143
5	123	105	112	149	134	141	144	124	135	145	138	143
6	118	107	111	146	121	137	145	130	138	149	137	144
7	120	108	114	147	128	136	146	128	137	146	137	142
8	126	109	118	142	119	132	149	124	134	146	132	141
9	139	111	122	139	118	130	145	126	136	151	130	136
10	140	111	123	148	121	135	148	127	139	136	121	132
11	135	117	127	148	127	137	142	123	134	139	130	135
12	140	120	134	143	124	132	143	124	134	185	130	140
13	145	129	138	144	122	132	141	127	134	149	130	139
14	142	117	130	141	118	132	144	127	136	142	130	135
15	149	119	134	155	132	145	140	125	133	141	130	136
16	147	123	134	155	140	147	143	127	136	140	132	136
17	141	123	131	154	143	148	144	137	140	139	132	135
18	140	124	131	153	139	148	143	130	138	140	132	135
19	141	124	131	152	133	141	142	121	132	137	129	133
20	140	118	127	157	144	151	137	120	129	135	126	130
21	132	110	120	160	142	154	134	120	125	133	124	129
22	135	118	127	154	139	149	133	123	128	140	125	131
23	142	121	129	150	137	145	136	124	131	137	128	133
24	144	113	127	153	133	145	137	122	129	139	128	134
25	140	124	134	153	129	142	136	124	129	139	125	133
26	135	118	127	149	125	138	138	124	129	136	126	132
27	138	116	126	145	126	136	135	123	129	141	134	137
28	138	121	132	144	123	133	138	123	130	150	138	143
29	---	---	---	146	122	129	146	128	135	152	142	146
30	---	---	---	145	127	136	146	132	137	180	144	149
31	---	---	---	148	131	141	---	---	---	156	145	147
MONTH	149	102	125	160	118	139	149	120	134	185	121	138

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	149	140	145	156	133	148	153	146	150	154	151	153
2	148	135	142	153	132	143	151	147	149	153	152	152
3	145	127	136	156	131	144	152	147	150	156	152	153
4	143	126	136	145	130	136	152	147	149	155	152	153
5	147	131	137	147	135	139	153	147	149	156	153	155
6	140	131	135	151	139	144	151	148	149	155	152	154
7	148	130	137	151	139	145	147	134	136	154	151	153
8	156	130	141	151	139	146	136	135	135	152	149	151
9	152	134	142	152	139	145	148	135	141	152	149	150
10	147	126	134	153	137	146	152	139	143	151	146	149
11	144	128	134	152	136	142	141	139	140	147	146	147
12	144	128	138	151	136	143	144	140	142	148	146	147
13	145	125	137	152	142	147	148	139	143	148	146	147
14	142	127	134	162	141	148	149	139	142	147	146	147
15	156	128	136	158	135	146	148	139	141	147	146	147
16	146	130	135	168	138	154	141	140	140	147	146	147
17	140	132	136	164	160	161	145	140	143	147	146	147
18	140	131	138	163	160	161	144	142	143	147	146	147
19	148	136	139	163	159	161	146	143	144	147	146	147
20	150	139	142	166	158	161	155	146	152	148	146	147
21	146	143	145	168	160	163	157	151	155	147	146	147
22	149	143	146	166	155	160	159	154	157	148	146	147
23	161	148	150	160	155	157	158	154	156	147	146	147
24	155	149	152	158	154	156	159	156	158	156	147	150
25	160	151	154	158	153	155	159	157	158	160	156	158
26	159	153	157	158	151	153	161	156	159	160	157	159
27	158	149	153	153	150	151	163	157	159	161	158	160
28	156	150	153	154	150	151	161	156	159	160	157	159
29	158	148	153	152	148	150	157	152	155	161	157	159
30	157	145	151	151	146	149	155	151	153	161	158	159
31	---	---	---	150	146	148	154	151	153	---	---	---
MONTH	161	125	142	168	130	150	163	134	148	161	146	151
YEAR	271	102	141									

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.0	23.0	23.5	20.5	19.5	20.0	20.0	19.0	19.5	9.5	8.5	9.0
2	24.5	24.0	24.0	20.5	20.0	20.0	19.5	18.5	19.0	9.5	9.0	9.0
3	25.0	24.0	24.5	20.5	20.0	20.0	18.0	16.0	17.0	10.0	9.0	9.5
4	25.5	24.5	24.5	20.0	19.5	20.0	16.0	15.0	15.0	10.0	9.5	9.5
5	25.5	24.5	25.0	19.5	18.0	18.5	15.0	14.0	14.5	10.0	9.5	9.5
6	24.5	22.5	23.5	18.5	17.5	18.0	14.0	13.0	13.5	9.5	8.5	9.0
7	22.5	22.0	22.0	18.5	17.0	17.5	13.5	12.5	12.5	9.5	9.0	9.0
8	22.0	21.0	21.5	18.0	17.0	17.5	13.0	12.5	12.5	9.0	7.5	8.0
9	22.0	21.5	21.5	17.5	16.5	17.0	13.0	12.5	13.0	7.5	7.0	7.0
10	23.0	22.0	22.0	18.0	17.0	17.5	13.5	12.5	13.0	7.5	7.0	7.0
11	23.5	22.5	22.5	18.0	17.5	18.0	14.0	13.0	13.5	7.5	7.0	7.5
12	23.0	22.5	23.0	18.5	17.5	18.0	14.5	14.0	14.0	7.5	7.0	7.5
13	23.0	22.5	22.5	19.0	18.5	19.0	15.0	14.5	14.5	7.5	7.5	7.5
14	23.0	22.5	23.0	19.5	18.5	19.0	15.0	13.5	14.5	7.5	7.0	7.5
15	24.5	23.0	23.5	19.5	19.0	19.5	13.5	12.5	13.0	7.5	7.0	7.5
16	24.0	23.5	24.0	20.0	19.5	19.5	12.5	11.5	12.0	8.0	7.0	7.5
17	24.0	23.5	23.5	20.0	19.5	20.0	12.0	11.0	11.5	8.5	7.5	8.0
18	23.5	23.0	23.0	20.0	19.0	20.0	11.5	11.0	11.0	9.0	8.5	9.0
19	23.5	23.0	23.0	20.5	19.5	20.0	11.0	10.0	10.5	10.0	9.0	9.5
20	24.0	23.0	23.5	21.0	20.5	21.0	10.0	9.5	10.0	10.0	9.0	9.5
21	24.0	23.5	23.5	21.5	20.5	21.0	10.0	9.5	9.5	9.5	8.0	9.0
22	23.5	23.5	23.5	21.0	20.5	20.5	9.5	8.5	9.0	9.5	8.5	9.0
23	23.5	23.0	23.0	20.0	19.0	19.5	9.5	8.5	9.0	9.5	9.5	9.5
24	23.5	23.0	23.0	19.0	18.0	19.0	10.5	9.5	10.0	9.5	8.5	9.0
25	23.5	23.0	23.0	19.0	17.5	18.5	10.5	9.5	10.0	8.5	8.5	8.5
26	23.0	22.5	23.0	19.0	18.0	18.5	9.5	7.5	8.5	8.5	8.5	8.5
27	22.5	22.0	22.0	19.5	18.5	19.0	7.5	7.0	7.5	8.5	6.0	7.5
28	22.0	22.0	22.0	19.5	19.0	19.0	8.0	7.5	7.5	6.0	4.5	5.5
29	21.5	20.0	20.5	20.0	19.5	19.5	8.5	7.5	8.0	5.5	4.5	5.0
30	20.0	19.5	19.5	20.5	19.5	20.0	8.5	8.0	8.0	6.5	5.5	6.0
31	19.5	19.5	19.5	---	---	---	8.5	8.0	8.0	7.0	6.0	6.5
MONTH	25.5	19.5	23.0	21.5	16.5	19.0	20.0	7.0	12.0	10.0	4.5	8.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	6.5	7.0	12.5	11.5	12.0	19.5	17.0	18.5	24.5	22.0	23.0
2	8.5	7.5	8.0	11.5	10.5	11.0	20.0	18.0	19.0	25.0	22.5	23.5
3	10.0	8.5	9.0	12.0	11.0	11.5	20.5	18.5	20.0	24.0	22.5	23.0
4	10.5	9.0	10.0	12.0	11.5	12.0	21.0	19.0	20.0	23.0	22.0	22.5
5	11.0	10.0	10.5	12.5	11.5	11.5	21.5	20.0	20.5	22.5	22.0	22.0
6	11.0	10.5	11.0	12.5	11.5	12.0	22.0	20.5	21.0	23.5	22.0	22.5
7	12.0	11.0	11.5	12.5	11.5	12.0	21.5	20.0	21.0	24.5	22.5	23.0
8	12.0	11.5	11.5	12.0	11.0	11.5	21.5	19.5	20.5	25.0	23.0	24.0
9	11.5	10.5	11.5	12.5	11.5	12.0	21.0	19.0	20.0	25.0	23.0	24.5
10	11.5	11.0	11.5	13.5	12.5	13.0	19.5	18.5	19.0	23.5	22.5	23.0
11	12.5	11.5	12.0	15.5	13.5	14.5	19.5	18.0	18.5	24.0	22.0	23.0
12	12.5	11.5	12.0	17.5	15.5	16.0	19.5	18.0	18.5	24.5	22.5	23.0
13	11.5	10.0	11.0	18.0	16.5	17.5	20.0	18.5	19.0	23.5	23.0	23.0
14	10.0	9.5	10.0	18.0	17.0	17.5	21.0	19.5	20.0	24.5	22.5	23.5
15	10.5	10.0	10.5	17.5	16.5	17.0	21.0	20.5	20.5	25.5	23.5	24.5
16	11.0	10.0	10.5	17.5	16.5	17.0	21.0	20.0	20.5	25.5	24.0	25.0
17	12.0	11.0	11.5	18.5	16.5	17.5	20.0	19.0	19.0	26.0	24.5	25.0
18	13.0	11.5	12.0	18.5	17.5	18.0	19.0	18.0	18.5	26.0	25.0	25.5
19	13.5	12.5	13.0	18.5	16.5	18.0	19.5	18.0	19.0	25.5	25.0	25.5
20	14.5	13.5	13.5	18.0	16.0	17.5	19.5	18.5	19.5	25.5	24.5	25.0
21	15.0	14.0	14.5	17.0	15.5	16.0	20.0	19.5	20.0	25.5	24.5	25.0
22	15.5	14.5	15.0	15.5	14.0	14.5	20.0	19.5	20.0	25.0	24.5	25.0
23	15.5	14.0	15.0	14.0	13.0	13.5	19.5	18.5	18.5	25.5	23.5	24.5
24	15.0	14.0	14.5	15.0	13.0	13.5	18.5	18.0	18.0	26.0	24.5	25.0
25	14.5	13.0	14.0	14.5	14.0	14.5	20.0	18.0	18.5	26.5	25.0	25.5
26	13.0	12.5	12.5	16.0	14.0	15.0	20.5	19.0	19.5	26.5	25.5	26.0
27	13.0	12.0	12.5	17.0	15.5	16.0	21.5	20.0	20.5	26.5	25.0	26.0
28	12.5	12.5	12.5	17.0	15.0	16.0	22.5	21.0	22.0	27.0	25.5	26.5
29	---	---	---	17.5	15.0	16.0	23.0	21.5	22.0	27.0	26.0	26.5
30	---	---	---	18.0	16.5	17.0	23.5	21.5	22.5	27.0	25.5	26.5
31	---	---	---	18.0	16.0	17.5	---	---	---	27.0	26.0	26.5
MONTH	15.5	6.5	11.5	18.5	10.5	15.0	23.5	17.0	20.0	27.0	22.0	24.5

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.0	27.0	29.5	28.5	29.0	32.0	31.0	31.5	23.5	22.5	23.0
2	27.5	25.5	27.0	29.5	27.5	29.0	31.5	31.0	31.0	24.0	23.0	23.5
3	27.0	25.0	26.5	29.0	27.0	28.0	31.5	30.5	31.0	24.5	23.5	24.0
4	25.5	25.0	25.0	29.5	28.0	28.5	31.0	30.5	30.5	26.0	24.0	24.5
5	26.0	25.0	25.5	28.5	28.0	28.0	30.5	30.0	30.0	25.5	25.0	25.5
6	26.0	24.5	25.5	29.0	27.5	28.0	31.0	30.0	30.5	25.0	25.0	25.0
7	27.0	25.5	26.0	29.5	27.5	28.5	31.0	30.0	30.5	25.5	24.5	25.0
8	28.5	26.5	27.5	30.0	28.5	29.0	31.0	30.0	30.5	25.5	25.0	25.0
9	28.5	27.0	27.5	30.5	29.0	29.5	31.5	30.0	30.5	25.5	25.0	25.5
10	28.0	27.0	27.5	30.0	29.0	29.5	31.5	30.5	31.0	26.0	25.0	25.5
11	29.5	27.5	28.0	30.5	29.0	29.5	31.5	30.5	31.0	27.0	25.5	26.0
12	29.5	28.0	29.0	30.5	29.0	29.5	30.5	30.0	30.5	27.0	26.5	26.5
13	29.5	28.5	29.0	30.5	29.0	29.5	30.0	29.0	29.5	27.0	26.0	26.5
14	29.5	28.0	28.5	30.0	29.0	29.5	29.5	27.5	29.0	26.5	26.0	26.5
15	28.0	27.5	28.0	30.0	28.5	29.0	28.5	28.0	28.0	27.0	25.5	26.0
16	28.0	27.0	27.5	31.0	29.5	30.5	29.0	27.5	28.5	27.0	26.5	26.5
17	29.0	27.0	28.0	31.0	30.5	30.5	30.0	28.5	29.0	27.0	26.0	26.0
18	28.5	27.0	28.0	31.5	30.5	31.0	30.0	29.0	29.5	26.0	25.0	25.5
19	27.5	26.0	27.0	32.0	31.0	31.5	29.0	28.5	29.0	27.0	25.5	26.0
20	28.0	26.5	27.0	32.0	31.5	31.5	28.5	28.0	28.0	26.5	25.5	26.0
21	28.5	27.5	28.0	32.5	31.5	32.0	28.5	27.0	28.0	26.5	25.5	26.0
22	27.5	27.0	27.0	31.5	30.5	31.0	28.0	27.5	28.0	27.0	25.5	26.0
23	28.5	26.5	27.5	31.0	30.0	30.5	29.0	27.5	28.5	27.0	25.5	26.5
24	28.5	27.0	28.0	31.0	30.0	30.5	29.0	27.5	28.5	28.0	26.5	27.0
25	28.5	27.0	27.5	31.5	30.5	31.0	29.5	27.5	29.0	28.0	27.0	27.5
26	29.5	27.0	28.5	31.0	30.5	31.0	29.5	28.5	29.0	28.5	26.5	27.5
27	29.0	27.5	28.5	31.0	30.0	30.5	30.0	29.0	29.5	28.5	27.0	28.0
28	29.5	28.5	29.0	31.5	30.5	31.0	29.5	28.0	29.0	28.5	26.0	28.0
29	30.0	28.5	29.0	31.5	30.5	31.0	28.0	24.5	26.5	28.5	27.5	28.0
30	30.0	28.5	29.0	31.5	30.5	31.0	25.0	22.5	24.0	29.0	27.5	28.0
31	---	---	---	32.0	31.0	31.5	24.0	22.5	23.5	---	---	---
MONTH	30.0	24.5	27.5	32.5	27.0	30.0	32.0	22.5	29.0	29.0	22.5	26.0
YEAR	32.5	4.5	20.5									

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°58'30", long 79°56'26", Berkeley County, Hydrologic Unit 03050201, on west side of Back River 0.1 mi below junction of Foster Creek.

PERIOD OF RECORD.--July 1982 to Sept. 1986. (discontinued)

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1982 to Sept. 1986. (discontinued)

INSTRUMENTATION.--USGS mini-monitor since July 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 444 microsiemens Dec. 24, 1985; minimum, 86 microsiemens June 4, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 444 microsiemens Dec. 24; minimum, 96 microsiemens Feb. 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	128	108	120	165	158	161	155	148	152	---	---	---
2	121	104	112	167	160	163	159	149	154	---	---	---
3	130	111	121	168	164	167	155	151	154	---	---	---
4	139	123	130	179	167	170	157	154	155	---	---	---
5	152	129	138	173	168	171	157	155	156	---	---	---
6	155	130	145	173	170	172	157	155	156	---	---	---
7	153	145	149	173	170	172	157	154	156	145	141	143
8	152	147	150	173	171	172	157	146	153	139	126	133
9	224	148	156	173	171	172	155	141	145	127	117	122
10	157	149	154	173	166	171	150	134	140	124	112	116
11	156	146	152	172	164	169	142	134	138	143	125	137
12	156	149	153	173	164	170	141	134	137	144	142	143
13	155	153	154	172	164	168	338	135	146	145	142	143
14	155	153	154	169	162	166	145	134	139	146	140	144
15	156	153	155	169	164	166	143	141	142	146	142	144
16	163	151	155	170	165	168	143	141	142	144	140	143
17	171	156	162	170	167	168	145	142	143	146	137	143
18	162	158	159	171	168	169	145	143	144	147	140	143
19	160	158	159	172	169	171	169	144	151	146	142	145
20	167	160	163	171	169	170	152	144	146	146	143	145
21	172	161	165	171	169	170	270	151	231	180	141	161
22	167	163	165	172	168	170	266	247	252	194	181	188
23	166	164	165	174	170	172	346	249	274	200	194	197
24	166	164	165	172	170	171	444	272	347	199	192	194
25	167	164	165	172	170	171	---	---	---	193	189	190
26	166	164	165	173	145	165	---	---	---	189	185	187
27	166	165	165	165	130	146	---	---	---	186	180	184
28	167	164	165	153	130	140	---	---	---	180	146	174
29	167	165	166	154	138	143	---	---	---	147	144	146
30	167	165	166	155	142	147	---	---	---	---	---	---
31	166	162	164	---	---	---	---	---	---	164	143	155
MONTH	224	104	153	179	130	166	444	134	169	200	112	155

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986-Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	169	135	155	203	200	201	189	187	188	170	162	167
2	157	153	155	201	129	167	187	184	186	173	160	167
3	154	150	152	155	138	148	185	181	183	169	162	166
4	158	154	156	152	141	146	182	177	180	173	161	169
5	158	154	156	164	137	154	178	174	176	173	164	170
6	155	151	153	170	149	161	175	170	172	175	162	171
7	151	148	149	170	162	167	170	165	167	174	163	170
8	149	96	123	170	162	166	165	159	162	175	165	171
9	136	121	130	170	163	167	184	156	166	178	169	173
10	146	137	142	200	162	176	194	186	190	178	168	175
11	158	146	153	169	153	160	194	192	193	178	169	176
12	179	147	164	190	154	166	194	190	192	180	174	177
13	206	182	195	221	192	209	191	187	189	180	172	177
14	215	206	212	227	221	225	188	185	186	180	100	172
15	218	215	217	228	168	210	186	179	183	180	130	175
16	220	218	219	200	158	175	180	175	177	181	174	178
17	221	219	220	173	156	164	175	170	172	179	173	178
18	223	219	221	168	153	160	171	166	168	181	174	178
19	227	221	224	162	148	153	166	153	163	182	173	179
20	228	225	227	163	145	155	154	149	152	182	175	179
21	227	221	224	159	148	153	150	145	147	181	175	178
22	221	207	211	162	142	152	145	141	143	184	176	179
23	209	206	207	181	152	170	166	139	150	183	175	180
24	207	203	206	175	164	170	168	162	164	184	177	181
25	206	204	205	174	163	168	167	162	164	183	178	180
26	206	204	205	163	153	158	166	161	164	184	176	181
27	205	203	204	161	154	156	166	159	164	185	179	181
28	204	201	203	188	163	178	165	161	163	185	177	182
29	---	---	---	191	185	188	171	161	165	185	180	183
30	---	---	---	192	190	191	171	161	167	187	178	183
31	---	---	---	191	188	189	---	---	---	188	177	184
MONTH	228	96	185	228	129	171	194	139	171	188	100	176

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	186	179	184	190	181	186	199	182	189	209	203	206
2	---	---	---	192	181	187	199	186	192	207	202	204
3	---	---	---	190	179	184	202	192	196	206	199	203
4	188	185	186	187	176	182	206	191	200	205	195	201
5	186	181	184	186	173	181	209	196	202	206	193	199
6	185	179	183	183	170	177	209	199	203	202	195	198
7	182	176	179	181	169	177	208	197	204	201	190	196
8	180	169	177	178	171	174	209	200	205	199	190	194
9	174	167	172	176	166	172	212	201	206	197	188	193
10	173	170	172	174	162	169	211	202	207	204	188	194
11	173	168	171	174	161	168	211	204	208	198	187	191
12	169	164	167	171	157	165	213	202	208	194	188	191
13	167	161	165	169	157	164	213	201	208	194	188	191
14	166	158	163	167	146	161	211	204	207	194	190	192
15	165	155	160	167	156	160	212	200	208	194	192	193
16	161	153	158	180	150	166	214	200	209	195	192	193
17	159	152	155	186	174	180	215	204	209	194	192	193
18	184	150	167	186	170	179	215	206	210	195	192	194
19	188	178	182	187	173	180	216	202	210	195	192	194
20	187	176	182	188	172	179	217	208	212	195	192	194
21	188	179	183	190	174	181	217	208	212	195	193	194
22	188	176	183	194	174	183	217	209	212	196	193	195
23	188	178	183	192	173	183	218	209	213	197	194	195
24	168	175	163	191	179	183	253	204	218	198	194	195
25	187	180	185	196	175	185	218	207	213	197	194	196
26	187	179	184	194	178	185	222	210	214	198	194	196
27	190	176	185	192	177	186	218	205	214	200	194	196
28	193	180	185	193	181	187	218	203	212	199	195	197
29	192	179	185	---	---	---	217	207	212	198	196	197
30	189	176	184	---	---	---	213	208	210	199	196	197
31	---	---	---	194	182	189	211	205	208	---	---	---
MONTH	193	150	177	196	146	178	253	182	207	209	187	196
YEAR	444	96	176									

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston, SC.

DRAINAGE AREA.--undefined.

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is 17.12 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Stream is tide affected and at times affected by releases from Pinopolis Dam (see sta 02172000).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.82 ft, Jun. 21; Minimum gage height, 13.09 ft, Jan. 28

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	20.92	15.77	21.51	16.26	21.07	15.75	19.99	14.72	19.80	14.50	20.35	14.64
2	20.80	15.87	20.73	16.11	19.89	14.79	20.36	15.33	19.72	14.23	20.22	14.59
3	20.50	15.79	21.07	16.48	20.30	15.13	19.71	14.69	19.73	14.38	19.99	14.30
4	20.04	15.79	20.47	15.74	20.33	15.54	19.73	14.81	20.22	14.40	19.82	14.86
5	19.97	15.63	20.22	15.75	20.09	15.25	20.47	14.06	20.41	13.88	19.82	14.89
6	20.54	16.33	20.38	15.77	19.72	15.04	20.37	13.85	20.49	13.98	20.21	13.93
7	20.68	16.55	20.35	15.43	19.99	14.88	20.37	13.82	20.52	13.95	20.04	13.82
8	21.02	16.98	20.63	15.31	20.72	14.44	20.93	13.47	20.79	13.54	20.51	13.83
9	21.02	16.62	21.07	15.29	21.04	13.96	20.89	13.50	21.07	14.32	20.46	14.05
10	21.18	15.68	21.43	14.46	21.24	13.96	21.00	13.57	21.29	14.33	20.10	13.86
11	21.30	15.32	21.47	14.43	21.47	13.69	21.93	14.73	20.64	13.89	19.77	13.68
12	22.17	15.59	21.67	14.19	21.40	13.93	21.33	14.35	20.40	14.54	19.97	13.74
13	22.24	15.67	21.87	14.03	21.31	13.98	20.38	13.97	19.94	14.56	19.87	14.03
14	22.47	15.25	21.81	14.25	20.00	13.57	20.44	14.46	20.00	15.79	19.99	14.67
15	22.21	14.77	21.50	14.52	21.21	14.77	20.37	15.02	19.58	14.73	19.46	15.71
16	22.05	14.82	21.51	15.04	20.75	14.66	19.72	14.98	19.76	16.04	19.48	15.80
17	22.10	15.08	20.69	15.00	20.09	14.76	19.26	15.08	19.76	16.07	19.45	15.86
18	22.04	15.84	20.52	15.16	19.42	14.60	19.66	15.50	19.80	16.00	19.52	16.02
19	21.40	15.94	20.39	15.51	19.60	15.24	19.85	14.65	19.78	15.99	19.52	15.81
20	20.95	15.63	19.99	15.18	19.74	14.50	18.89	15.13	20.13	16.05	18.81	15.83
21	20.82	15.88	19.90	15.39	19.43	14.86	19.51	15.19	20.69	16.07	19.63	15.88
22	20.81	16.02	20.55	14.60	19.83	14.87	20.05	14.71	20.43	15.98	19.86	15.85
23	20.91	15.99	20.30	15.44	19.55	14.54	19.97	15.52	21.09	15.95	20.34	14.39
24	20.84	15.78	20.69	15.46	19.61	14.58	20.93	15.57	21.30	15.89	20.35	14.31
25	20.83	15.84	20.68	15.41	19.58	14.14	21.27	15.06	20.77	14.49	20.81	14.11
26	21.38	15.82	20.68	15.37	19.31	13.52	20.96	14.18	21.17	14.95	20.97	13.94
27	21.51	16.46	20.40	15.00	19.05	13.83	20.29	13.11	20.23	13.80	21.14	13.96
28	21.27	15.88	20.46	14.95	19.44	13.85	19.82	13.09	20.73	14.48	21.44	13.99
29	21.87	16.44	20.51	15.17	20.12	14.14	20.24	13.98	---	---	20.86	14.32
30	22.11	16.69	20.58	15.37	20.17	13.95	20.07	13.57	---	---	20.71	14.45
31	21.65	16.50	---	---	20.17	14.60	19.73	14.34	---	---	20.50	14.64
MONTH	22.47	14.77	21.87	14.03	21.47	13.52	21.93	13.09	21.30	13.54	21.44	13.68

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20.33	14.85	20.79	15.28	20.60	15.69	20.41	15.72	20.13	15.53	21.21	16.26
2	20.28	15.13	19.96	14.83	20.53	15.31	20.33	15.72	20.29	15.31	21.23	16.15
3	20.38	15.25	20.47	15.84	21.53	16.38	20.73	15.72	19.92	15.28	21.41	15.50
4	20.51	15.07	20.29	14.97	21.27	16.23	21.33	16.26	20.34	15.28	21.49	15.57
5	20.45	14.73	20.08	15.11	21.40	16.02	20.85	15.86	20.73	15.29	21.38	15.63
6	20.15	14.39	20.09	14.36	21.26	15.88	20.66	15.72	20.45	15.29	21.33	15.62
7	20.19	13.82	20.08	14.32	20.92	15.54	20.53	15.70	20.48	15.29	21.38	15.68
8	20.73	14.36	20.47	14.51	20.46	15.30	20.51	15.69	20.07	15.29	21.16	15.54
9	20.62	14.58	21.65	15.95	20.59	15.29	20.29	15.67	19.93	15.29	21.10	15.42
10	20.56	14.92	21.23	16.18	20.85	15.84	20.47	15.63	19.91	15.29	20.85	15.44
11	20.50	15.06	20.85	15.88	20.44	15.63	20.31	15.63	19.90	15.29	20.53	15.29
12	20.55	15.14	20.86	15.72	19.94	15.42	20.17	15.69	20.11	15.29	20.19	15.29
13	20.50	15.65	20.71	16.29	19.86	15.29	19.62	15.55	20.33	15.30	20.68	15.29
14	20.48	15.97	20.59	16.10	19.93	15.33	19.51	15.54	20.58	14.58	21.03	15.31
15	20.25	16.04	20.51	16.15	20.13	15.36	20.09	15.54	21.13	15.01	21.24	15.30
16	20.02	15.64	20.44	15.96	20.16	15.31	20.32	15.58	21.50	15.04	21.47	15.21
17	19.62	15.99	20.09	15.68	20.39	15.13	20.50	15.58	21.01	15.28	21.91	15.29
18	19.83	15.98	20.13	15.55	21.39	15.30	20.91	15.62	21.26	15.29	21.31	15.32
19	20.52	16.30	20.48	15.51	21.82	15.35	21.45	15.28	21.49	15.29	20.93	15.29
20	20.71	16.05	20.97	15.29	22.05	15.29	22.00	15.28	21.35	15.29	20.59	15.01
21	20.99	15.02	21.47	15.27	22.82	15.57	21.73	15.28	20.60	15.29	20.33	15.29
22	21.11	14.93	21.70	15.25	22.38	15.68	21.53	15.29	20.51	15.29	20.49	15.31
23	21.47	14.64	21.97	15.25	21.79	15.71	21.34	15.29	20.78	15.29	20.60	15.86
24	21.83	14.38	21.67	15.23	21.32	15.72	21.09	15.29	20.56	15.31	19.89	15.91
25	21.77	14.17	21.92	15.26	21.61	15.72	20.52	15.29	20.95	16.07	19.45	15.48
26	22.06	14.43	21.92	15.30	21.33	15.74	20.35	15.29	20.14	15.76	19.49	15.47
27	21.83	14.8	21.49	15.32	21.23	15.54	20.07	15.29	19.69	15.66	19.58	15.52
28	21.31	14.97	21.28	15.31	20.56	15.63	19.97	15.28	19.27	15.36	20.11	15.87
29	21.17	15.18	20.95	15.32	20.10	15.73	19.94	15.41	20.52	16.63	20.56	16.13
30	20.80	15.35	20.88	15.54	20.39	15.72	20.16	15.44	20.66	16.67	20.39	15.32
31	---	---	20.62	15.50	---	---	20.34	14.03	20.74	16.19	---	---
MONTH	22.06	13.82	21.97	14.32	22.82	15.13	22.00	14.03	21.50	14.58	21.91	15.01
YEAR	22.82	13.09										

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat33°35'21", long 81°21'57", Aiken County, Hydrologic Unit 03050204, on right downstream abutment of county road bridge. 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--6 years, 24.9 ft^3/s, 10.84 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 172 ft^3/s, May 29, 1984, gage height, 4.65 ft; minimum, 14 ft^3/s, Jul. 12-14, 1986, gage height, 1.70 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 130 ft^3/s, Nov. 1, gage height, 4.15 ft; minimum, 14 ft^3/s, Jul. 12-14, gage height, 1.70 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	72	38	24	27	22	22	20	19	17	16	23
2	21	40	36	25	23	22	22	19	18	17	16	21
3	22	33	31	25	21	22	21	19	17	17	18	20
4	37	35	27	24	21	22	21	19	17	17	17	20
5	27	28	24	24	22	22	21	19	17	16	17	21
6	22	26	24	24	26	22	21	20	18	17	18	21
7	21	25	24	23	26	22	21	19	18	17	18	20
8	20	25	24	23	26	22	22	20	18	16	17	18
9	20	24	25	22	28	22	23	21	18	16	17	18
10	19	24	25	23	27	22	21	20	19	16	18	18
11	19	24	25	25	34	22	21	20	24	16	17	17
12	19	27	26	25	27	22	21	20	20	15	26	17
13	19	28	33	25	25	23	21	20	19	15	21	18
14	19	27	29	24	24	30	20	20	18	17	22	18
15	19	26	27	24	24	27	20	20	18	19	20	18
16	21	25	26	24	24	25	20	20	20	17	19	18
17	21	25	25	24	24	24	20	19	19	17	18	18
18	21	25	25	24	23	22	20	19	19	17	18	17
19	20	25	25	25	23	28	20	19	18	17	18	17
20	20	25	24	24	23	36	20	19	18	16	19	17
21	20	28	24	24	23	30	21	19	18	16	20	17
22	21	65	24	24	22	26	21	19	17	16	19	17
23	22	46	24	23	22	25	20	18	17	17	18	17
24	21	36	24	22	22	23	20	18	17	17	18	17
25	21	29	24	22	22	22	20	18	16	17	18	17
26	20	26	24	25	22	22	20	20	17	18	18	17
27	20	26	24	25	22	22	20	24	18	17	18	17
28	20	26	24	24	22	22	20	22	17	17	22	17
29	19	32	25	24	---	22	20	25	18	17	20	17
30	19	39	24	24	---	22	20	23	18	16	21	17
31	41	---	24	23	---	22	---	21	---	16	22	---
TOTAL	669	942	808	741	675	737	620	619	545	516	584	545
MEAN	21.6	31.4	26.1	23.9	24.1	23.8	20.7	20.0	18.2	16.6	18.8	18.2
MAX	41	72	38	25	34	36	23	25	24	19	26	23
MIN	18	24	24	22	21	22	20	18	16	15	16	17

CAL YR 1985 TOTAL 8481 MEAN 23.2 MAX 72 MIN 17
WTR YR 1986 TOTAL 8001 MEAN 21.9 MAX 72 MIN 15

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC

LOCATION.--Lat 33°23'35", long 81°08'00", Bamberg-Orangeburg County Line, Hydrologic Unit 03050204, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad Bridge, 1.8 mi downstream from Little River, and 4.8 mi north of Denmark, and at mile 136.6.

DRAINAGE AREA.--720 mi^2, approximately (measured on topographic and highway planning survey maps).

PERIOD OF RECORD.--August 1931 to September 1971, October 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 155.68 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct. 28 to Dec. 27. Records good, except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--46 years (water years 1932-71, 1981 to current year), 778 ft^3/s, 14.67 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,500 ft^3/s, Apr. 11, 1936, gage height, 10.91 ft, from rating curve extended above 7,100 ft^3/s, on basis of velocity-area studies; minimum, 146 ft^3/s, Aug. 12, 1956; July 14, 15, 1986.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge 17,100 ft^3/s) (by conveyance-slope study).

EXTREMES FOR CURRENT YEAR.--Maximum recorded discharge, 2,000 ft^3/s (estimated), Nov. 23, gage height, 6.84 ft, but may have been exceeded during period of no gage-height record Oct. 28 to Dec. 27; minimum, 146 ft^3/s, July 14, 15, gage height, 2.56 ft; minimum daily discharge, 148 ft^3/s, July 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	272	580	1400	713	707	648	645	349	440	209	215	420
2	301	620	1300	706	700	641	631	337	403	202	204	450
3	330	720	1150	700	688	638	617	325	363	201	209	466
4	364	785	980	694	676	636	603	318	326	202	234	471
5	428	880	940	693	676	632	587	313	311	197	236	475
6	457	915	900	689	705	625	580	307	288	194	261	475
7	480	900	880	689	752	616	570	298	271	189	275	466
8	506	885	840	682	758	607	580	300	259	181	279	455
9	528	880	860	673	747	600	637	362	251	173	284	455
10	560	900	880	671	762	596	646	413	241	169	276	469
11	610	920	900	703	971	596	632	407	238	165	286	482
12	651	955	1000	723	1200	596	615	374	274	160	278	489
13	650	940	1150	718	1270	599	601	490	319	154	275	466
14	596	925	1200	710	1200	725	587	492	295	148	336	391
15	516	860	1180	696	1060	928	559	503	261	157	393	338
16	461	800	1160	689	975	953	524	521	252	207	411	310
17	447	835	1100	686	966	897	503	514	258	241	428	290
18	439	865	1050	679	943	827	484	494	262	235	443	275
19	428	1100	1030	672	879	817	470	449	286	217	450	266
20	422	1400	980	675	811	951	454	397	314	200	444	255
21	415	1600	930	675	770	1040	451	367	311	184	442	250
22	405	1800	880	669	742	1050	453	335	263	176	486	246
23	422	1950	820	667	723	993	448	313	240	182	514	236
24	441	1900	785	671	703	921	437	299	225	181	509	230
25	450	1700	780	701	685	886	431	285	210	194	483	222
26	455	1500	760	792	672	898	421	273	220	202	479	219
27	459	1350	750	846	664	871	407	270	213	206	466	217
28	475	1150	740	809	658	807	392	289	222	221	397	215
29	490	1200	725	764	---	745	378	357	222	245	347	221
30	510	1350	725	737	---	695	364	462	219	255	340	221
31	560	---	718	717	---	664	---	477	---	234	386	---
TOTAL	14508	33165	29493	21909	23063	23698	15707	11690	8257	6081	11066	10441
MEAN	468	1106	951	707	824	764	524	377	275	196	357	348
MAX	651	1950	1400	846	1270	1050	646	521	440	255	514	489
MIN	272	580	718	667	658	596	364	270	210	148	204	215

CAL YR 1985 TOTAL 233133 MEAN 639 MAX 2780 MIN 248
WTR YR 1986 TOTAL 209078 MEAN 573 MAX 1950 MIN 148

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02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC

LOCATION.--Lat 33°29'00", long 80°52'25", Orangeburg County, Hydrologic Unit 03050203, on left bank under bridge on U.S. Highway 301 at Orangeburg, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Caw Caw Swamp and at mile 22.1.

DRAINAGE AREA.--683 mi^2.

REVISED RECORDS.--WSP 1032: Drainage area.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and Data Collection Platform. Datum of gage is 149.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges, October 8-31, November 28 to December 27, which are poor. About 9.4 ft^3/s diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--48 years, 787 ft^3/s, 15.65 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,500 ft^3/s, Sept. 18, 1945, gage height, 14.28 ft, from rating curve extended above 5,300 ft^3/s, by velocity-area studies; minimum, 190 ft^3/s, Sept. 13, 14, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft^3/s, from rating curve extended as described above, on basis of information from Department of Public Utilities, City of Orangeburg.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,940 ft^3/s, Nov. 23, gage height 8.23 ft; minimum 198 ft^3/s, Jul. 27, gage height, 1.83 ft; minimum daily,200 ft^3/s, July 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	367	806	1370	716	716	631	631	377	395	291	249	418
2	369	988	1270	711	706	618	616	367	387	287	243	418
3	367	995	1160	704	688	608	603	355	396	283	252	416
4	368	940	1000	699	666	600	588	345	409	265	282	418
5	367	935	930	699	664	594	575	339	388	256	308	436
6	362	961	890	695	697	587	560	330	353	255	298	442
7	359	961	870	687	719	583	548	328	333	249	284	437
8	360	944	840	686	715	575	543	327	316	239	270	422
9	390	947	850	685	694	562	560	363	304	227	262	405
10	460	980	870	678	719	555	566	379	289	217	255	393
11	518	995	890	704	1010	556	557	370	287	215	247	386
12	600	1010	900	726	1250	555	543	355	288	219	242	376
13	680	1050	1000	727	1310	569	532	345	286	218	266	368
14	680	1010	1150	715	1170	830	517	346	289	206	301	353
15	620	1000	1200	699	1020	1150	498	356	293	208	342	339
16	570	966	1150	683	947	1310	481	370	294	213	374	326
17	500	886	1100	689	910	1170	467	388	309	211	397	311
18	480	820	1040	702	887	997	459	383	340	208	402	299
19	460	780	1010	697	840	937	451	367	381	203	410	297
20	460	915	960	682	784	1030	441	361	373	201	416	296
21	450	1090	910	671	742	1090	450	346	372	200	413	295
22	448	1510	850	667	721	1110	433	332	326	228	392	292
23	470	1920	780	669	710	1010	418	324	293	249	370	284
24	475	1900	770	680	695	938	424	317	275	250	362	284
25	480	1720	760	702	675	885	430	309	266	254	359	278
26	490	1470	740	767	660	855	431	308	312	257	365	273
27	500	1380	730	825	657	830	422	389	357	252	385	269
28	515	1290	726	801	645	782	413	450	343	252	412	271
29	540	1150	729	750	---	719	402	441	315	254	428	280
30	580	1250	729	734	---	676	388	419	302	265	426	280
31	680	---	721	728	---	652	---	406	---	260	420	---
TOTAL	14965	33569	28895	21978	22617	24564	14947	11192	9871	7392	10432	10362
MEAN	483	1119	932	709	808	792	498	361	329	238	337	345
MAX	680	1920	1370	825	1310	1310	631	450	409	291	428	442
MIN	359	780	721	667	645	555	388	308	266	200	242	269

CAL YR 1985 TOTAL 253805 MEAN 695 MAX 2350 MIN 310
WTR YR 1986 TOTAL 210784 MEAN 577 MAX 1920 MIN 200

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02174000 EDISTO RIVER NEAR BRANCHVILLE, SC

LOCATION.--Lat 33°10'35", long 80°45'05", Bamberg County, Hydrologic Unit 03050205, on right bank 400 ft downstream from bridge on U.S. Highway 21, 4.7 mi downstream from Brier Branch, 5.2 mi south of Branchville, and at mile 100.0.

DRAINAGE AREA.--1,720 mi^2, approximately.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 80.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to May 19, 1949, at datum 1.00 ft higher.

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--41 years, 1,998 ft^3/s, 15.77 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft^3/s, Sept. 3, 1964, gage height, 11.44 ft; minimum, 323 ft^3/s, Aug. 14, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 13.5 ft, present datum, in September 1928, on basis of information from State Highway Department, discharge, 25,700 ft^3/s, by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,730 ft^3/s, Nov. 24, gage height, 8.82 ft; minimum, 405 ft^3/s, Jul. 16, 17, gage height 0.58 ft; minimum daily 409 ft^3/s, Jul. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	705	1190	4090	1960	2060	1790	2040	866	880	618	542	868
2	709	1290	4420	1950	1980	1730	1880	842	875	597	536	857
3	720	1430	4500	1920	1890	1680	1740	821	871	576	535	855
4	744	1610	4170	1900	1820	1630	1640	799	860	566	531	857
5	793	1870	3800	1870	1780	1580	1560	776	842	546	571	869
6	849	2170	3510	1840	1770	1550	1490	765	818	533	605	884
7	906	2240	3270	1820	1800	1520	1430	756	775	523	623	903
8	952	2160	3120	1790	1850	1490	1390	747	727	516	621	905
9	976	2200	3070	1760	1950	1450	1400	745	691	502	619	893
10	996	2380	3080	1750	2080	1420	1450	769	672	480	606	878
11	1020	2450	3010	1800	2560	1390	1500	811	656	462	596	864
12	1050	2380	2880	1840	3170	1370	1490	821	637	451	588	854
13	1080	2310	3680	1870	3640	1370	1450	821	632	441	590	852
14	1110	2420	4680	1900	3910	1520	1390	811	648	424	636	843
15	1130	2530	5240	1900	3950	1780	1330	822	660	416	704	826
16	1140	2520	5100	1890	3860	2150	1270	846	668	409	731	795
17	1100	2420	4500	1850	3620	2820	1220	865	670	420	755	755
18	1030	2290	4030	1820	3300	3210	1160	908	653	456	785	713
19	979	2210	3700	1780	3030	3210	1100	919	659	480	820	678
20	952	2270	3380	1770	2850	3130	1060	913	692	486	832	653
21	935	2410	3090	1770	2730	3090	1020	892	757	472	849	635
22	921	2900	2880	1750	2590	3210	1000	841	800	449	859	622
23	915	4390	2730	1720	2430	3320	999	797	777	436	858	612
24	922	5500	2620	1700	2270	3240	982	763	686	455	848	604
25	942	5600	2520	1680	2120	3090	962	735	630	469	842	593
26	952	5160	2390	1690	2010	2910	952	716	609	488	837	583
27	952	4780	2260	1750	1930	2720	943	700	703	510	835	571
28	953	4390	2160	1820	1850	2560	927	702	726	506	845	560
29	959	4120	2080	1940	---	2440	908	754	690	504	855	547
30	977	4000	2020	2060	---	2350	889	820	647	509	856	541
31	1070	---	1980	2100	---	2220	---	871	---	523	866	---
TOTAL	29439	85590	103960	56960	70800	68940	38572	25014	21611	15223	22176	22470
MEAN	950	2853	3354	1837	2529	2224	1286	807	720	491	715	749
MAX	1140	5600	5240	2100	3950	3320	2040	919	880	618	866	905
MIN	705	1190	1980	1680	1770	1370	889	700	609	409	531	541

CAL YR 1985 TOTAL 613291 MEAN 1680 MAX 5600 MIN 705
WTR YR 1986 TOTAL 560755 MEAN 1536 MAX 5600 MIN 409

02175000 EDISTO RIVER NEAR GIVHANS, SC
(National stream-quality accounting network station)

LOCATION.--Lat 33°01'40", long 80°23'30", Dorchester County, Hydrologic Unit 03050205, on left bank at downstream side of bridge on State Highway 61, 2.3 mi downstream from Four Hole Swamp, 2.8 mi west of Givhans, and at mile 59.9.

DRAINAGE AREA.--2,730 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1303: 1939 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 20.46 ft National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. About 105 ft³/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--47 years, 2,636 ft³/s, 13.11 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft³/s, June 14, 1973, gage height, 15.84 ft; minimum, 290 ft³/s, Aug. 16, 1956, gage height, 0.51 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1904, 17.5 ft in February 1925, from investigation by Charleston Commissioners of Public Works, discharge, 24,900 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,940 ft³/s, Dec. 19, gage height, 12.60 ft; minimum, 385 ft³/s, July 18, 25; minimum gage height 1.22 ft, July 18; minimum daily discharge, 387 ft³/s, July 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	641	1030	7560	2850	2370	2770	3370	819	668	529	406	908
2	630	1240	6820	2720	2430	2620	3100	790	686	504	420	865
3	622	1320	6320	2620	2440	2510	2840	757	684	484	415	815
4	623	1520	6000	2540	2420	2400	2590	732	681	473	413	781
5	639	1770	5670	2500	2370	2300	2390	718	676	472	410	787
6	649	1850	5550	2450	2380	2210	2200	698	664	469	421	793
7	666	1890	5390	2400	2540	2110	2050	685	651	454	437	798
8	687	1960	5160	2350	2720	2030	1910	676	634	444	452	792
9	726	2030	4900	2300	2770	1960	1830	665	611	439	456	783
10	765	2070	4690	2280	2810	1900	1790	663	583	433	456	768
11	809	2090	4520	2360	3390	1840	1780	662	564	425	451	749
12	842	2100	4350	2470	4430	1790	1790	666	552	420	457	735
13	869	2180	4300	2520	5340	1740	1790	679	537	410	464	712
14	890	2310	4680	2520	5660	1920	1760	685	525	403	489	698
15	912	2440	5340	2500	5790	2460	1690	689	531	400	506	691
16	933	2490	6830	2470	5910	2870	1640	690	562	393	518	680
17	950	2500	8100	2440	6050	3110	1580	694	582	390	538	669
18	956	2500	9360	2420	6200	3270	1470	702	571	387	552	653
19	940	2470	9850	2390	6200	3490	1360	728	546	393	587	631
20	905	2430	9250	2350	5890	3950	1260	757	538	407	646	603
21	876	2430	8180	2300	5360	4720	1160	765	549	411	696	587
22	850	2640	7120	2240	4820	5370	1090	751	575	412	716	570
23	826	3280	6130	2210	4350	5590	1020	704	608	407	696	558
24	804	3840	5310	2180	3970	5460	991	668	613	391	676	552
25	793	4390	4720	2160	3660	5270	967	641	570	389	655	547
26	795	5430	4230	2140	3370	5070	934	618	545	398	643	538
27	804	6390	3870	2170	3130	4820	903	604	507	404	662	527
28	813	7480	3600	2200	2930	4530	886	590	516	409	702	521
29	816	8280	3380	2220	---	4230	866	585	559	407	848	514
30	819	8190	3190	2250	---	3940	843	604	554	403	903	506
31	865	---	3010	2300	---	3650	---	635	---	403	927	---
TOTAL	24715	92540	177380	73820	111700	101900	49850	21320	17642	13163	17618	20331
MEAN	797	3085	5722	2381	3989	3287	1662	688	588	425	568	678
MAX	956	8280	9850	2850	6200	5590	3370	819	686	529	927	908
MIN	622	1030	3010	2140	2370	1740	843	585	507	387	406	506

CAL YR 1985 TOTAL 705493 MEAN 1933 MAX 9850 MIN 599
WTR YR 1986 TOTAL 721979 MEAN 1978 MAX 9850 MIN 387

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1967 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV 13...	1700	2180	72	6.40	17.0	2.0	777	7.5	76	210	--	17
JAN 17...	0930	2450	73	6.80	7.5	2.8	783	11.2	91	K55	130	21
MAR 19...	1330	3610	77	6.75	18.5	3.9	769	6.6	70	140	200	22
MAY 20...	1200	763	106	6.80	26.5	3.0	770	7.2	89	K45	100	11
AUG 05...	1725	392	159	7.50	31.5	--	775	7.0	93	250	K20	--
SEP 10...	1700	754	106	7.10	26.0	2.1	778	7.2	87	K13000	210	14

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 13...	6	5.1	1.1	8.1	48	.9	1.4	9.0	11	9.6	<.10	9.0
JAN 17...	9	6.6	1.2	8.2	43	.8	1.4	13	11	9.6	<.10	5.9
MAR 19...	9	6.8	1.2	7.4	40	.7	1.6	16	12	9.3	.10	3.6
MAY 20...	0	3.3	.70	18	76	2	1.0	14	22	10	<.10	5.1
SEP 10...	6	4.3	.82	15	68	2	1.2	11	21	11	<.10	8.4

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 13...	65	53	.09	383	.11	.010	.01	.40	.070	.21	.050	.040
JAN 17...	57	52	.08	377	.24	.020	.03	.50	.040	.12	.030	.020
MAR 19...	75	50	.10	731	.31	.050	.06	.80	.070	--	.050	.030
MAY 20...	77	68	.10	159	.26	.010	.01	.40	.110	--	.090	.050
AUG 05...	--	--	--	--	.24	.040	.05	.40	.160	--	.150	.070
SEP 10...	92	67	.13	187	.15	.050	.06	.50	.110	--	.100	.040

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02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV												
13...	.12	160	<1	15	.9	<1	<1	<3	32	410	2	<4
JAN												
17...	.06	90	<1	10	<.5	<1	<1	<3	1	250	<1	<4
MAR												
19...	.09	--	--	--	--	--	--	--	--	--	--	--
MAY												
20...	.15	40	2	4	<.5	<1	<1	<3	3	340	2	<4
AUG												
05...	.21	--	--	--	--	--	--	--	--	--	--	--
SEP												
10...	.12	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
13...	18	.1	<10	3	<1	<1	22	<6	53	6	32	53
JAN												
17...	7	.1	<10	<1	<1	3	26	<6	8	4	26	74
MAR												
19...	--	--	--	--	--	--	--	--	--	8	78	42
MAY												
20...	5	<.1	<10	<1	<1	<1	18	<6	7	7	14	37
AUG												
05...	--	--	--	--	--	--	--	--	--	5	5.3	45
SEP												
10...	--	--	--	--	--	--	--	--	--	8	16	43

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

LOCATION.--Lat 32°59'20", long 81°03'10", Hampton County, Hydrologic Unit 03050207, on right bank 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 64.35 ft above National Geodetic Vertical Datum of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

REMARKS.--Records good, except for estimated daily discharges, May 24 to Jul. 12, which are poor.

AVERAGE DISCHARGE.--35 years, 344 ft³/s, 13.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,300 ft³/s, Mar. 13, 1980, gage height, 5.44 ft; minimum, 17 ft³/s, Sept. 13, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2850 ft³/s, Dec. 14, gage height, 5.35 ft; minimum, 26 ft³/s, Jul. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	317	582	388	368	348	335	114	49	82	61	236
2	83	359	637	387	358	361	321	107	48	68	109	216
3	94	342	719	381	347	370	308	100	47	56	75	204
4	107	440	729	375	338	362	296	93	49	44	78	190
5	117	662	682	371	338	343	284	92	50	34	82	202
6	120	850	655	366	368	326	273	92	52	30	79	255
7	121	803	595	360	417	314	262	92	66	27	101	205
8	117	597	539	351	437	306	265	94	78	26	86	178
9	112	437	500	344	451	301	296	111	87	27	107	155
10	106	329	472	355	600	298	293	120	99	29	95	142
11	112	255	445	433	993	296	293	137	105	30	85	134
12	118	219	430	473	1300	295	284	150	110	31	106	125
13	121	216	800	471	1350	304	274	163	120	34	95	118
14	121	228	2570	476	1230	464	261	153	116	37	210	110
15	121	257	2350	462	1030	667	241	162	102	39	282	99
16	119	308	1880	434	893	853	723	203	124	37	336	92
17	113	358	1420	408	745	979	216	250	145	44	328	94
18	108	373	1130	382	623	897	194	257	170	61	355	84
19	106	381	920	369	542	756	186	236	175	77	479	80
20	105	487	755	360	487	698	177	216	180	88	314	78
21	105	594	643	353	451	674	175	194	165	84	250	74
22	113	833	564	348	428	657	170	158	123	88	178	69
23	122	1530	511	345	412	690	164	141	94	141	141	65
24	121	2120	475	348	396	698	161	121	74	144	132	66
25	121	1780	452	353	383	649	159	115	69	130	169	64
26	123	1380	429	372	368	564	156	105	67	102	184	62
27	123	1140	415	378	364	484	1[illegible]7	84	68	95	169	60
28	125	964	406	380	351	428	140	74	72	96	163	48
29	124	797	404	381	---	391	131	63	78	105	152	51
30	121	652	401	386	---	368	122	56	85	82	173	49
31	187	---	394	377	---	353	---	52	---	66	222	---
TOTAL	3571	20008	23904	11967	16368	15494	6799	4105	2867	2034	5396	3608
MEAN	115	667	771	386	585	500	227	132	95.6	65.6	174	120
MAX	187	2120	2570	476	1350	979	335	257	180	144	479	255
MIN	65	216	394	344	338	295	122	52	47	26	61	48

CAL YR 1985	TOTAL	108495	MEAN	297	MAX	2570	MIN	60
WTR YR 1986	TOTAL	116121	MEAN	318	MAX	2570	MIN	26

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC
(National stream-quality accounting network station)

LOCATION.--Lat 32°50'10", long 81°07'55", Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.30 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair, except those below 10 ft³/s which are poor.

AVERAGE DISCHARGE.--35 years, 183 ft³/s, 12.24 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,160 ft³/s, Sept. 2, 1969, gage height, 8.39 ft, from floodmarks; no flow for some days in 1951, 1954, 1956, 1957, 1968, 1969, 1980, 1981, 1982, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,440 ft³/s, Nov. 23, gage height, 5.80 ft; no flow July 14-Aug. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	74	398	252	214	312	153	7.2	2.2	7.1	.00	404
2	13	124	429	236	214	280	140	6.3	1.9	4.0	.00	312
3	18	156	475	226	196	246	128	5.1	1.4	3.0	.00	205
4	25	218	461	221	188	225	115	4.3	1.2	2.4	.00	140
5	27	213	416	218	200	209	107	4.2	1.6	2.2	.64	116
6	22	170	437	207	267	198	98	4.0	2.0	1.7	2.6	112
7	16	159	448	194	524	186	91	4.4	2.3	1.3	9.0	118
8	12	126	419	180	624	172	88	4.9	1.6	.95	18	108
9	8.9	96	374	170	526	162	124	8.0	1.7	.72	24	84
10	8.2	75	331	182	649	155	164	11	4.5	.56	26	66
11	10	62	305	290	1890	154	148	11	26	.37	25	53
12	14	65	289	413	2100	154	114	9.3	53	.13	15	47
13	17	135	673	419	1440	161	95	12	23	.02	25	40
14	18	202	1730	352	992	372	81	48	12	.00	56	29
15	17	192	1840	298	779	885	68	76	7.5	.00	63	21
16	14	173	1210	259	649	949	58	46	15	.00	75	16
17	12	139	865	231	554	721	47	26	56	.00	55	16
18	10	119	673	215	490	537	39	17	65	.00	52	12
19	10	107	538	212	446	428	34	13	37	.00	114	10
20	11	318	460	237	406	377	31	15	20	.00	119	8.3
21	14	965	407	230	378	382	30	31	12	.00	110	6.7
22	17	1630	370	213	350	385	27	17	6.7	.00	95	5.4
23	15	2340	348	199	331	351	23	9.6	4.2	.00	85	4.3
24	14	1940	330	189	310	304	19	6.5	3.1	.00	62	3.7
25	12	1250	305	190	284	265	16	4.4	2.4	.00	57	3.3
26	10	862	282	208	265	242	15	3.6	2.0	.00	33	2.6
27	9.7	673	263	245	263	226	13	2.5	2.5	.00	23	2.0
28	12	553	254	246	308	212	12	1.9	19	.00	36	1.5
29	13	470	262	227	---	198	10	2.3	55	.00	81	1.0
30	14	414	271	218	---	182	8.9	2.5	20	.00	147	.74
31	32	---	267	215	---	167	---	2.3	---	.00	348	---
TOTAL	456.8	14020	16130	7392	15839	9797	2096.9	416.3	461.8	24.45	1756.24	1948.54
MEAN	14.7	467	520	238	566	316	69.9	13.4	15.4	.79	56.7	65.0
MAX	32	2340	1840	419	2100	949	164	76	65	7.1	348	404
MIN	8.2	62	254	170	188	154	8.9	1.9	1.2	.00	.00	.74

CAL YR 1985 TOTAL 50860.72 MEAN 139 MAX 2300 MIN .50
WTR YR 1986 TOTAL 70339.03 MEAN 193 MAX 2340 MIN .00

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)
NOV 14...	1400	215	96	6.60	19.0	3.0	778	10.0	106	220	--	32
FEB 05...	1630	212	69	6.50	14.0	3.2	768	7.8	75	110	210	23
MAY 21...	1400	30	95	6.50	21.0	4.5	768	6.1	68	600	910	34
AUG 06...	1700	2.9	158	6.70	25.0	--	775	6.3	75	570	2000	--

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
NOV 14...	16	9.5	2.1	6.2	28	.5	2.2	19	6.4	12	<.10	8.9
FEB 05...	3	5.8	2.0	5.3	32	.5	1.7	10	10	13	<.10	4.0
MAY 21...	5	10	2.1	6.6	29	.5	1.2	27	12	8.7	.10	6.7

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
NOV 14...	74	58	.10	43	<.10	.060	.08	.60	.110	.34	.080	.070
FEB 05...	66	55	.09	38	.19	.040	.05	.70	.060	.18	.050	.040
MAY 21...	83	66	.11	6.8	.25	.020	.03	.90	.170	--	.110	.080
AUG 06...	--	--	--	--	<.10	<.010	--	.60	.080	--	.070	<.050

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV 14...	.21	120	<1	27	.9	<1	<1	<3	11	280	2	<4
FEB 05...	.12	190	<1	19	<.5	<1	<1	<3	3	310	<1	<4
MAY 21...	.25	90	<1	19	<.5	<1	<1	<3	2	490	1	<4

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 14...	33	.2	<10	3	<1	<1	37	<6	20	9	5.2	89
FEB 05...	21	<.1	<10	<1	<1	<1	27	<6	35	4	2.3	97
MAY 21...	76	.1	<10	<1	<1	<1	40	<6	4	15	1.2	69
AUG 06...	--	--	--	--	--	--	--	--	--	6	.05	69

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50", long 83°18'22", Oconee County, SC-Rabun County, GA, Hydrologic Unit 03060102, on left bank 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from Tallulah River. Water-quality sampling site at gaging station. See Water Resources Data for Georgia.

DRAINAGE AREA.--207 mi².

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above National Geodetic Vertical Datum of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--No estimated daily discharge. Records good.

AVERAGE DISCHARGE.--47 years (water years 1940-86), 653 ft³/s, 42.84 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,000 ft³/s, Aug. 30, 1940, gage height, 13.8 ft, from rating curve extended above 4,700 ft³/s, on basis of slope-area measurements at gage heights 9.9 and 13.2 ft; minimum, 88 ft³/s, Oct. 8, 12, 13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base discharge of 3,400 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Nov. 5	1630	*4,850	*4.81

Minimum, 109 ft³/s, Sept. 28, 29, gage height, 0.85 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	259	2730	1420	573	356	349	402	283	327	272	134	262
2	315	1590	1170	455	353	339	396	277	307	254	135	363
3	406	992	912	435	353	339	389	267	364	289	129	395
4	322	884	799	422	349	334	384	262	314	218	128	267
5	277	792	731	410	378	326	374	261	314	196	149	229
6	251	654	682	394	377	322	367	261	297	184	182	332
7	242	575	633	390	395	318	366	266	276	174	160	237
8	240	525	605	381	368	309	396	282	269	167	332	190
9	240	482	580	367	350	307	425	262	308	160	198	168
10	240	461	556	380	349	320	375	251	559	153	148	159
11	235	439	548	374	378	359	362	250	557	149	136	157
12	232	421	617	363	352	352	357	248	429	146	166	169
13	232	418	654	358	333	1030	353	252	339	143	201	181
14	239	404	606	350	332	1440	348	267	305	143	166	154
15	233	388	551	350	357	875	343	254	286	149	155	142
16	228	385	533	347	349	690	333	248	269	179	159	137
17	226	421	516	347	364	596	326	242	257	156	185	139
18	226	389	500	356	693	543	328	272	243	140	178	139
19	213	375	482	665	601	718	323	359	237	134	282	143
20	212	367	472	524	501	770	323	705	232	127	256	139
21	246	470	463	438	453	528	375	394	223	120	221	132
22	402	1210	451	413	427	572	347	301	213	118	203	127
23	316	792	453	399	409	537	318	273	209	161	173	124
24	297	618	448	384	392	511	313	268	202	222	153	122
25	296	555	433	377	384	409	306	259	199	229	138	120
26	265	519	375	423	370	474	316	281	188	243	131	118
27	243	505	441	396	372	463	325	926	181	212	154	117
28	238	484	437	296	362	445	302	732	179	250	157	112
29	226	558	408	436	---	431	317	514	250	188	141	116
30	233	2000	396	392	---	422	294	425	219	158	132	129
31	454	---	439	364	---	414	---	361	---	137	151	---
TOTAL	8284	21403	18311	12559	11057	16022	10483	10503	8552	5571	5333	5319
MEAN	267	713	591	405	395	517	349	339	285	180	172	177
MAX	454	2730	1420	665	693	1440	425	926	559	289	332	395
MIN	212	367	375	296	332	307	294	242	179	118	128	112

CAL YR 1985	TOTAL	180319	MEAN	494	MAX	2730	MIN	212
WTR YR 1986	TOTAL	133397	MEAN	365	MAX	2730	MIN	112

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11'', long 82°58'48'', Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on State Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi^2.

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--19 years, 180 ft^3/s, 33.95 in/yr.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 12,800 ft^3/s, June 4, 1967, gage height, 12.29 ft (revised); minimum, 12 ft^3/s. Aug. 3,4, 1986; gage height, 0.84 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 1	1415	*3980	*6.43	Nov. 30	1015	1720	4.15

Minimum discharge, 12 ft^3/s Aug. 3,4; gage height, 0.84 ft; minimum daily discharge 12 ft^3/s Aug. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	1360	414	148	85	72	88	64	62	37	13	45
2	67	427	294	171	89	70	87	62	59	33	13	81
3	82	256	228	167	91	70	88	59	63	38	12	108
4	73	214	195	163	89	69	88	58	61	32	16	75
5	63	165	176	160	92	68	88	58	60	28	19	102
6	57	140	161	156	92	68	85	59	57	27	15	102
7	55	123	149	155	100	67	85	59	53	24	14	72
8	54	110	145	149	91	65	92	64	51	22	32	55
9	55	102	150	112	90	66	91	59	49	20	30	48
10	54	98	147	106	90	69	84	56	59	18	20	44
11	53	94	143	103	98	79	83	56	62	17	18	43
12	52	91	157	101	89	72	78	55	57	15	28	44
13	52	91	163	102	88	156	78	54	49	14	71	43
14	53	89	147	99	89	174	76	53	47	14	39	39
15	52	86	139	94	92	130	76	54	44	25	42	37
16	51	101	137	93	81	115	73	52	42	33	39	35
17	52	104	132	93	79	107	72	51	40	26	34	35
18	51	94	120	94	116	101	72	55	38	20	46	35
19	51	91	117	131	97	149	72	92	37	17	70	38
20	51	90	116	103	90	147	72	80	36	15	46	37
21	137	168	123	95	86	130	90	65	34	13	43	36
22	108	505	122	94	85	118	78	58	33	14	46	33
23	82	226	113	92	84	112	73	54	32	14	38	33
24	77	172	112	90	80	108	72	53	30	16	33	32
25	73	149	109	91	78	103	70	52	29	23	29	31
26	67	136	105	103	74	101	70	54	28	46	27	30
27	63	129	105	92	76	99	69	94	25	21	26	27
28	61	121	106	91	73	95	67	100	26	22	29	26
29	58	132	103	90	---	93	67	95	26	22	29	29
30	75	881	101	87	---	91	65	87	32	19	25	30
31	189	---	124	85	---	89	---	69	---	14	26	---
TOTAL	2123	6545	4653	3510	2464	3053	2349	1981	1321	699	988	1425
MEAN	68.5	218	150	113	88.0	98.5	78.3	63.9	44.0	22.5	31.9	47.5
MAX	189	1360	414	171	116	174	92	100	63	46	71	108
MIN	51	86	101	85	73	65	65	51	25	13	12	26

CAL YR 1985	TOTAL	47313	MEAN	130	MAX	1360	MIN	47
WTR YR 1986	TOTAL	31111	MEAN	85.2	MAX	1360	MIN	12

BEST COPY AVAILABLE

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25", long 82°49'20", Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi^2.

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft^3 between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 3, 1964; minimum, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.-- Maximum elevation, 659.51 ft, Dec. 4; minimum, 647.29 ft, Sept. 30.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

645.0 ft	29.82 ft^3
650.0 ft	39.42 ft^3
655.0 ft	50.02 ft^3
660.0 ft	61.66 ft^3
665.0 ft	74.43 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	655.88	656.39	658.82	657.59	656.74	656.33	656.79	656.78	655.61	652.83	648.79	647.44
2	655.86	656.83	659.28	657.48	656.77	656.37	656.86	656.74	655.66	652.62	648.80	647.40
3	655.84	657.08	659.50	657.37	656.81	656.31	656.88	656.75	655.55	652.41	648.87	647.40
4	655.76	657.19	659.39	657.41	656.75	656.32	656.96	656.76	655.46	652.15	648.72	647.45
5	655.79	657.15	659.28	657.42	656.75	656.30	656.99	656.61	655.38	652.17	648.54	647.67
6	655.82	657.18	659.08	657.41	656.70	656.21	657.04	656.59	655.23	652.17	648.50	647.85
7	655.87	657.22	659.17	657.32	656.64	656.14	656.91	656.65	655.21	652.02	648.53	647.88
8	655.84	657.51	659.21	657.29	656.71	656.24	656.95	656.53	655.26	651.64	648.53	647.88
9	655.85	657.63	659.11	657.22	656.75	656.26	656.92	656.40	654.98	651.30	648.58	647.76
10	655.82	657.70	659.01	657.16	656.73	656.31	656.86	656.38	654.82	651.03	648.56	647.65
11	655.80	657.73	658.94	657.20	656.60	656.24	656.87	656.43	654.71	650.78	648.65	647.55
12	655.83	657.76	658.94	657.24	656.53	656.18	656.91	656.29	654.49	650.77	648.74	647.52
13	655.86	657.70	658.99	657.21	656.44	656.34	656.97	656.24	654.40	650.79	648.75	647.55
14	655.88	657.70	658.93	657.16	656.43	656.40	657.18	656.11	654.40	650.64	648.64	647.55
15	655.51	657.70	658.88	657.09	656.44	656.48	657.11	656.01	654.43	650.42	648.52	647.55
16	655.52	657.76	658.72	657.07	656.49	656.56	657.06	655.74	654.41	650.35	648.54	647.62
17	655.57	657.79	658.60	657.06	656.52	656.53	657.03	655.75	654.24	650.27	648.55	647.66
18	655.62	657.72	658.41	657.13	656.50	656.47	656.97	655.82	654.10	650.20	648.44	647.74
19	655.69	657.59	658.31	657.24	656.50	656.61	657.20	655.82	653.97	650.21	648.33	647.66
20	655.73	657.44	658.20	657.17	656.47	656.70	657.23	655.72	653.88	650.21	648.22	647.75
21	655.78	657.65	658.24	657.12	656.45	656.75	657.15	655.61	653.86	650.04	648.11	647.78
22	655.92	657.72	658.29	657.13	656.51	656.80	657.06	655.49	653.86	649.85	647.99	647.68
23	655.91	657.84	658.22	657.08	656.57	656.87	656.97	655.40	653.78	649.64	648.00	647.54
24	656.06	657.91	658.11	657.01	656.51	656.86	656.89	655.44	653.58	649.44	648.01	647.57
25	656.14	657.85	658.04	657.09	656.47	656.87	656.80	655.51	653.44	649.29	647.87	647.61
26	656.16	657.84	657.78	657.18	656.40	656.83	656.80	655.40	653.29	649.28	647.72	647.58
27	656.19	657.81	657.67	657.02	656.35	656.78	656.85	655.76	653.28	649.33	647.60	647.61
28	656.17	657.88	657.75	656.92	656.30	656.73	657.00	655.78	653.28	649.28	647.56	647.62
29	656.07	657.94	657.81	656.90	---	656.82	657.01	655.75	653.30	649.13	647.39	647.44
30	656.02	658.51	657.64	656.74	---	656.85	656.93	655.56	653.08	648.90	647.41	647.31
31	656.12	---	657.60	656.69	---	656.86	---	655.58	---	648.73	647.45	---
MAX	656.19	658.51	659.50	657.59	656.81	656.87	657.23	656.78	655.66	652.83	648.87	647.88
MIN	655.51	656.39	657.60	656.69	656.30	656.14	656.79	655.40	653.08	648.73	647.39	647.31
(+)	52.53	58.08	55.94	53.84	52.95	54.23	54.39	51.32	45.83	36.89	34.40	34.14
(*)	202	2140	-799	-784	-368	478	62	-1150	-2120	-3340	-930	-100

CAL YR 1985 *-154 MAX 660.57 MIN 655.51
WTR YR 1986 *-566 MAX 659.50 MIN 647.31

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'15", long 82°48'55", Anderson County (SC), Hydrologic Unit 03060103, on left bank at Highway 29, 6.8 mi east of Hartwell, and at mile 304.6.

DRAINAGE AREA.--2,089 mi², approximately.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Water-stage recorder. Datum of gage is 480 ft above National Geodetic Vertical Datum of 1929 (from topographical map).

REMARKS.--Flow regulated by Hartwell Lake (see sta. 02187250) on the Savannah River.
Water year 1985: No estimated daily discharges. Records fair.
Water year 1986: Estimated daily discharges: Dec. 14, 15. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,300 ft³/s, Jan. 21, 1985, gage height, 12.63 ft; minimum daily, 63 ft³/s, Nov. 18, 1984, and Mar. 16, 23, 1986.

EXTREMES FOR CURRENT YEAR.--Oct. 1984 to Sept. 1985: maximum discharge, 38,300 ft³/s, Jan. 21, gage height, 12.63 ft; minimum daily, 63 ft³/s, Nov. 18.
Water year 1986: Maximum discharge, 37,700 ft³/s, Jul. 7, gage height, 12.55 ft; minimum daily, 63 ft³/s, Mar. 16, 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3080	2170	98	4050	3370	6090	2670	2800	5000	4400	2100	252
2	3090	92	101	7940	116	2590	2640	6120	120	4950	12300	2550
3	871	6150	3680	8140	112	1030	4260	2780	4810	5800	79	5060
4	3080	93	3670	8510	4460	4120	2620	78	9690	1260	79	9120
5	3100	92	5620	243	7280	5790	1050	79	7350	7030	3700	10400
6	96	1330	3480	104	3750	5780	127	4470	2640	120	5380	9490
7	96	1170	4050	5840	5570	5680	129	3520	2240	129	11600	5670
8	5040	1110	101	5910	4610	5470	2630	3520	112	6770	2770	104
9	3080	3420	102	6100	120	199	4490	1920	117	5440	7730	9280
10	3100	94	4400	6590	116	126	3060	3570	7860	6520	6130	6120
11	3110	98	3470	6820	2610	6150	3970	148	5800	8770	108	5240
12	3080	1170	4180	2610	7630	4460	2880	120	450	9120	14000	5240
13	94	2750	4580	562	6480	6870	91	10200	2200	117	3670	2480
14	95	2130	5200	6090	6030	5350	91	11900	124	119	6760	97
15	3090	2300	2250	6140	6120	5420	4170	2690	1920	6380	5820	102
16	4810	2400	2330	6170	121	128	1020	3150	120	6530	4920	201
17	6270	1540	6270	6380	115	131	1020	161	3470	5840	269	245
18	4570	63	7100	4280	4540	3340	1600	121	3480	3940	267	296
19	4240	1100	7810	380	4550	3320	3480	124	1930	6510	2850	181
20	97	3240	8330	3670	4590	4220	87	1350	1940	9710	4760	235
21	95	6180	9310	19200	5860	3370	99	2920	127	107	4750	104
22	1910	1840	3540	8540	5840	3390	6830	2900	128	3900	4870	106
23	4450	1470	1830	7170	148	246	3000	1320	133	1230	2440	211
24	5640	100	7160	5230	123	266	2840	2190	3520	110	271	163
25	4850	100	3190	4680	4900	2850	2850	120	3500	108	267	203
26	1680	1430	5260	696	5340	2830	2890	123	6960	3780	2430	205
27	1890	1240	6030	290	4860	2790	128	2870	1630	108	4780	202
28	94	3740	3750	4940	6540	2860	129	2870	125	112	2420	101
29	95	3780	298	3430	---	2690	5060	2880	99	4140	4830	102
30	9840	3920	97	3400	---	129	3160	2880	139	10300	4810	197
31	4790	---	7860	3230	---	133	---	2840	---	20400	254	---
TOTAL	89423	56312	125147	157335	105901	97808	69111	82734	77714	143750	127414	73957
MEAN	2885	1877	4037	5075	3782	3155	2304	2669	2590	4637	4110	2465
MAX	9840	6180	9310	19200	7630	6870	6880	11900	9690	20400	14000	10400
MIN	94	63	97	104	112	126	87	78	99	107	79	97

WTR YR 1985 TOTAL 1206606 MEAN 3306 MAX 20400 MIN 63

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2920	1580	82	2310	104	115	3120	4740	128	5620	4520	2710
2	2920	6460	3600	5160	105	106	3120	1990	769	5620	173	2750
3	2920	88	3610	5230	1360	2970	3100	148	3620	5080	116	2750
4	3450	3480	5040	97	3460	2990	3110	147	2800	5650	3900	2740
5	92	2650	6550	2150	2030	3000	77	4300	4890	131	3910	2730
6	82	1490	8420	4320	3230	2980	74	4270	4910	128	3880	104
7	6400	1990	88	3910	3210	2930	4110	4310	1280	8140	3960	104
8	1690	2030	85	3910	111	1510	2190	4270	174	9150	4040	2690
9	1280	2560	6130	3950	132	112	1480	4300	7850	8040	120	2690
10	9600	91	4020	3950	2910	1150	1970	150	4930	5990	124	2690
11	1570	1210	4920	112	5430	3290	2200	148	5190	6030	3160	2710
12	98	1650	3800	1210	2890	2850	79	3950	6390	122	3140	2730
13	97	3140	4280	3350	2910	2170	79	3950	4150	121	3150	100
14	7970	2120	4800	3350	2940	3240	5500	5020	128	5420	3170	100
15	12400	2310	5600	3300	104	68	3450	2330	130	5430	3160	2670
16	3980	88	6190	2870	104	63	1920	8760	3540	2300	128	2610
17	1500	88	5140	2500	2640	2660	1900	135	4480	6820	120	2640
18	1480	3000	6560	112	2610	2660	1950	130	3530	7820	3160	2660
19	92	5900	5190	104	2610	2660	148	3790	3510	533	3140	2640
20	91	5630	5150	3360	2620	1580	147	3730	3530	129	3140	111
21	3350	1200	91	3330	2390	3630	3470	3740	137	5180	3150	104
22	1960	3130	91	3330	112	1130	3480	3750	128	5180	3140	2790
23	2860	84	4450	3330	112	63	3480	4310	7000	5140	117	4330
24	3790	84	4530	3330	2940	2690	3450	138	6500	5240	112	4350
25	88	3310	3320	104	2940	2740	3530	137	4060	5200	3150	4730
26	88	3080	7240	105	2910	2730	149	3500	4070	112	3130	6750
27	91	3050	4780	5410	2930	2700	147	3480	4240	116	3120	104
28	1950	1270	98	3710	2980	2690	4170	5850	126	4490	3140	104
29	3450	1230	97	3570	---	74	1430	3450	124	4510	3140	4680
30	3460	88	5860	4910	---	73	3500	7300	5580	5100	100	3140
31	916	---	4550	2930	---	1590	---	128	---	3910	99	---
TOTAL	82635	64081	124372	89314	58824	59214	66530	96351	97894	132452	72609	72011
MEAN	2666	2136	4012	2881	2101	1910	2218	3108	3263	4273	2342	2400
MAX	12400	6460	8420	5410	5430	3630	5500	8760	7850	9150	4520	6750
MIN	82	84	82	97	104	63	74	128	124	112	99	100

CAL YR 1985	TOTAL 1206812	MEAN	3306	MAX	20400	MIN	78
WTR YR 1986	TOTAL 1016287	MEAN	2784	MAX	12400	MIN	63

BEST COPY AVAILABLE

02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'30'', long 82°35'42'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in left spillway elevator tower of dam on Savannah River, 1.2 mi downstream from Deer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi^2 (Corps of Engineers).

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Lake formed by concrete dam completed Dec. 1983. Usable capacity 5,523,408,000 ft^3 between elevations 470.0 ft (normal limit of drawdown) and 475.0 ft (top of spillway gates). Dead storage below 470.0 ft, 39,158,992,800 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 436.0 ft. Lake is used for flood control, generation of power and recreation.

COOPERATION.--Capacity table furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 477.90 ft, Dec 21, 1985; minimum 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--May to September 1984: maximum elevation, 471.02 ft, Sept 12; minimum, 465.65 ft, May 7.
Water Year 1985: maximum elevation, 477.76 ft, Dec. 20; minimum, 469.03 ft, Nov 11, 12.
Water Year 1986: maximum elevation, 474.77 ft, Nov. 5; minimum, 470.05 ft, Jul. 1.

Capacity table (elevation in feet) and usable
contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

470.0 ft	39.2 ft^3	473.0 ft	42.4 ft^3
471.0 ft	40.2 ft^3	474.0 ft	43.5 ft^3
472.0 ft	41.3 ft^3	475.0 ft	44.7 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								468.03	467.67	470.08	470.38	470.24
2								468.08	467.50	470.34	470.55	470.27
3								468.00	467.55	470.39	470.56	470.49
4								467.20	467.99	470.30	470.64	470.38
5								466.58	467.83	470.11	469.91	470.18
6								465.99	467.78	469.60	470.03	470.06
7								466.39	467.90	469.18	470.27	470.09
8								467.20	467.60	469.24	470.50	470.12
9								467.92	467.42	469.37	470.57	470.14
10								468.19	467.46	469.54	470.27	470.35
11								467.89	467.73	469.77	469.39	470.45
12								467.49	467.84	469.86	469.47	470.88
13								467.57	467.96	470.02	469.92	470.70
14								467.83	468.16	470.05	470.02	470.14
15								467.80	467.92	470.49	470.09	469.95
16								467.89	467.61	470.72	470.02	469.94
17								467.86	467.67	470.18	470.10	469.88
18								467.84	468.49	469.81	469.92	469.90
19								466.86	468.95	469.86	469.96	470.01
20								466.90	468.90	470.04	470.22	470.16
21								467.27	468.90	469.70	470.50	470.31
22								467.43	468.90	469.74	470.76	470.33
23								467.21	468.90	470.16	470.48	470.37
24								467.05	468.90	470.30	470.10	470.54
25								467.20	468.90	470.48	469.90	470.49
26								467.22	469.96	470.52	469.94	470.44
27								467.30	470.04	470.58	470.35	470.47
28								467.55	469.70	470.54	470.23	470.20
29								467.74	470.00	470.50	470.25	469.93
30								467.73	470.05	470.27	470.28	470.07
31								467.69	---	470.05	470.54	---
MAX								468.19	470.05	470.72	470.76	470.88
MIN								465.99	467.42	469.18	469.39	469.88
[+]								36.8	39.3	39.3	39.7	39.3
[*]									964	0	149	-154

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	470.29	471.53	472.86	474.66	475.19	476.02	475.24	474.30	472.50	471.37	473.46	470.78
2	470.31	472.14	472.96	475.32	474.61	476.26	475.15	474.50	472.54	471.38	473.26	470.61
3	470.19	470.91	473.36	475.81	474.04	476.31	475.19	474.57	472.59	471.44	472.89	470.70
4	470.33	469.65	473.70	475.64	473.98	476.09	475.16	474.61	473.03	471.43	472.90	471.35
5	470.53	469.86	474.31	474.90	474.96	476.00	475.10	474.63	473.24	471.58	472.75	472.09
6	470.59	469.87	474.73	474.26	475.32	475.89	475.15	474.62	473.12	471.64	472.47	472.74
7	470.64	469.97	475.07	474.78	475.49	475.78	475.20	474.61	473.00	471.77	472.44	473.23
8	471.13	470.23	475.09	475.28	475.33	475.68	475.05	474.61	472.74	471.93	472.26	473.23
9	471.33	470.45	475.11	475.76	474.72	475.22	475.24	474.48	472.75	471.97	472.53	473.56
10	471.39	469.75	475.50	476.40	474.43	475.26	475.35	474.40	472.92	472.10	472.54	473.65
11	471.46	469.03	475.82	476.46	474.38	475.25	475.29	474.46	473.09	472.35	472.55	473.67
12	471.59	469.26	476.11	476.20	474.60	475.21	475.20	474.57	473.16	472.66	472.47	473.66
13	471.63	469.50	476.47	475.79	474.87	475.28	475.24	474.94	472.97	472.69	472.34	473.52
14	471.67	469.61	476.79	475.87	475.14	475.29	475.28	475.40	472.61	472.70	472.39	473.51
15	471.99	469.85	476.80	475.93	475.38	475.26	475.36	475.37	472.76	472.84	472.34	473.51
16	472.08	470.06	476.83	476.00	475.07	475.29	475.17	475.31	472.80	472.97	472.50	473.23
17	472.05	469.75	477.20	476.15	475.15	475.42	474.93	474.94	472.71	473.13	472.56	473.21
18	471.72	470.11	477.46	476.02	475.13	475.36	474.60	474.93	472.61	473.02	472.58	473.51
19	471.64	470.23	477.67	475.63	475.17	475.38	474.68	474.93	472.39	473.15	472.27	473.43
20	471.68	470.49	477.76	475.52	475.22	475.49	474.46	474.63	472.15	473.48	472.13	473.43
21	471.76	471.08	477.72	476.49	475.38	475.63	474.48	474.45	471.74	473.50	471.95	473.44
22	471.80	471.25	476.74	476.64	475.53	475.69	474.53	474.23	471.73	473.37	471.86	473.45
23	471.90	471.31	475.66	476.63	475.20	475.74	474.48	473.92	471.75	473.22	471.55	473.49
24	471.99	471.40	475.39	476.52	475.22	475.80	474.52	473.64	471.70	472.95	471.60	473.24
25	471.90	471.41	475.15	476.37	475.41	475.72	474.49	473.62	471.58	472.65	471.62	473.18
26	471.80	471.56	475.51	475.89	475.56	475.67	474.47	473.63	471.79	472.78	471.34	473.14
27	471.88	471.67	476.05	475.57	475.66	475.60	474.46	473.34	471.49	472.59	471.24	473.04
28	471.94	472.16	476.11	475.59	475.86	475.37	474.51	473.08	471.07	472.36	470.98	473.04
29	472.49	472.49	475.52	475.52	---	475.19	474.30	472.82	470.84	472.27	470.83	473.06
30	472.48	472.83	474.92	475.40	---	475.24	474.30	472.53	470.84	472.82	470.70	472.98
31	471.97	---	474.83	475.44	---	475.30	---	472.23	---	473.38	470.76	---
MAX	472.49	472.83	477.76	476.64	475.86	476.31	475.36	475.40	473.24	473.50	473.46	473.67
MIN	470.19	469.03	472.86	474.26	473.98	475.19	474.30	472.23	470.84	471.37	470.70	470.61
[+]	41.3	42.2	44.5	45.2	45.7	45.1	43.9	41.6	40.0	42.8	40.0	42.4
[•]	747	347	859	261	207	-274	-463	-859	-617	1045	-1045	926

CAL YR 1984 MAX 477.76 MIN 465.99
WTR YR 1985 * 98 MAX 477.76 MIN 469.03

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[•] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	473.02	473.98	472.45	473.65	473.70	473.43	473.15	472.37	472.12	470.17	471.65	470.89
2	472.99	474.54	472.42	473.66	473.73	473.13	473.12	472.29	471.69	470.37	471.66	470.82
3	472.97	474.60	472.40	473.66	473.61	473.12	473.08	472.29	471.77	470.41	471.74	470.79
4	472.97	474.64	472.48	473.57	473.56	473.12	473.13	472.29	471.48	470.48	471.62	470.76
5	472.74	474.60	472.68	473.70	473.45	473.07	473.09	472.38	471.51	470.49	471.58	470.75
6	472.72	474.46	473.03	473.81	473.38	473.08	473.03	472.44	471.53	470.49	471.51	470.76
7	472.98	474.37	473.08	473.92	473.32	473.06	472.97	472.48	471.64	470.69	471.48	470.77
8	472.89	474.26	473.12	473.72	473.36	473.01	473.01	472.52	471.65	470.79	471.30	470.75
9	472.72	474.17	473.50	473.82	473.40	473.03	473.06	472.55	471.77	470.86	471.31	470.71
10	473.08	474.19	473.74	473.96	473.42	472.89	472.97	472.52	471.75	470.91	471.31	470.68
11	472.97	473.86	474.01	473.97	473.69	472.87	472.81	472.52	471.71	471.05	471.25	470.55
12	472.71	473.55	474.24	474.09	473.52	472.82	472.74	472.44	471.67	471.03	471.36	470.55
13	472.74	473.55	474.42	474.11	473.47	472.95	472.77	472.40	471.52	471.04	471.39	470.55
14	473.08	473.48	474.51	474.05	473.47	473.03	472.68	472.36	471.52	471.07	471.40	470.55
15	473.79	473.48	474.61	474.02	473.48	472.93	472.61	472.19	471.53	471.19	471.36	470.55
16	473.77	473.49	474.61	473.96	473.51	472.85	472.58	472.37	471.43	470.98	471.38	470.56
17	473.59	473.50	474.48	473.93	473.57	472.87	472.60	472.35	471.21	471.23	471.24	470.67
18	473.38	472.98	474.57	473.99	473.58	472.85	472.59	472.37	470.98	471.24	471.22	470.82
19	473.14	472.82	474.42	474.07	473.58	473.02	472.60	472.37	470.74	471.28	471.12	470.94
20	473.14	472.85	474.39	474.00	473.64	473.12	472.60	472.33	470.54	471.27	471.09	470.79
21	473.15	472.76	474.18	473.94	473.55	473.24	472.63	472.34	470.52	471.38	471.04	470.67
22	473.57	472.69	474.09	473.91	473.59	473.18	472.64	472.31	470.52	471.44	471.01	470.65
23	473.70	472.77	474.06	473.88	473.62	473.15	472.39	472.33	470.54	471.49	471.02	470.68
24	474.02	472.82	474.03	473.63	473.60	473.17	472.44	472.31	470.34	471.58	471.03	470.81
25	473.90	472.74	473.77	473.60	473.55	473.20	472.44	472.32	470.29	471.71	470.98	470.81
26	473.91	472.63	473.94	473.67	473.46	473.22	472.48	472.23	470.22	471.70	470.95	470.83
27	473.94	472.62	473.89	473.70	473.46	473.25	472.37	472.22	470.16	471.63	470.97	470.72
28	473.87	472.52	473.85	473.70	473.43	473.25	472.50	472.26	470.18	471.61	470.96	470.59
29	473.98	471.75	473.81	473.72	---	473.20	472.35	472.17	470.19	471.63	470.91	470.63
30	474.06	472.22	473.66	473.77	---	473.15	472.33	472.28	470.11	471.69	470.92	470.75
31	474.04	---	473.86	473.68	---	473.16	---	472.22	---	471.65	470.93	---
MAX	474.06	474.64	474.61	474.11	473.73	473.43	473.15	472.55	472.12	471.71	471.74	470.94
MIN	472.71	471.75	472.40	473.57	473.32	472.82	472.33	472.17	470.11	470.17	470.91	470.55
[+]	43.5	41.5	43.3	43.1	42.9	42.6	41.7	41.5	39.3	40.9	40.1	40.0
[•]	411	-772	672	-75	-83	-112	-347	-75	-849	597	-299	-39

CAL YR 1985 • -38 MAX 476.64 MIN 470.61
WTR YR 1986 • -76 MAX 474.64 MIN 470.11

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[•] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02194500 CLARK HILL LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40", long 82°12'00", Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi^2, approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft^3 between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft, Apr. 9, 1964; minimum, 296.48 ft, Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 329.04 ft, Dec. 27; minimum 317.80 ft, Sept. 30.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

315.0 ft	18.73 ft^3
320.0 ft	30.06 ft^3
325.0 ft	43.12 ft^3
330.0 ft	58.37 ft^3
336.0 ft	78.84 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	326.97	326.21	328.17	328.87	326.91	326.05	326.06	324.86	324.55	323.81	321.96	320.17
2	327.08	326.10	328.38	328.88	326.85	326.06	326.06	324.83	324.55	323.77	321.85	320.10
3	327.16	326.09	328.48	328.89	326.79	326.04	326.05	324.64	324.49	323.72	321.75	320.03
4	327.32	326.08	328.56	328.80	326.76	326.00	326.01	324.53	324.51	323.66	321.70	319.97
5	327.34	326.03	328.64	328.74	326.73	325.97	325.93	324.50	324.52	323.56	321.67	319.93
6	327.21	326.00	328.67	328.64	326.78	325.97	325.87	324.48	324.53	323.46	321.61	319.84
7	327.16	325.98	328.54	328.56	326.81	325.92	325.89	324.48	324.38	323.44	321.56	319.76
8	327.12	325.95	328.48	328.58	326.70	325.84	325.93	324.46	324.30	323.40	321.60	319.69
9	327.08	325.95	328.44	328.46	326.64	325.74	325.81	324.40	324.53	323.45	321.41	319.62
10	327.08	325.87	328.38	328.41	326.68	325.72	325.80	324.27	324.55	323.41	321.31	319.51
11	327.06	325.92	328.33	328.28	326.71	325.77	325.77	324.18	324.58	323.43	321.30	319.45
12	326.99	326.01	328.35	328.22	326.77	325.75	325.65	324.22	324.66	323.29	321.37	319.39
13	326.91	326.09	328.41	328.08	326.67	325.80	325.56	324.23	324.68	323.19	321.39	319.27
14	326.88	326.13	328.38	328.01	326.67	325.86	325.60	324.23	324.57	323.19	321.41	319.15
15	326.88	326.17	328.38	327.90	326.54	325.78	325.62	324.24	324.51	323.15	321.37	319.09
16	326.85	326.02	328.49	327.81	326.45	325.77	325.59	324.32	324.50	323.02	321.31	318.98
17	326.83	325.93	328.60	327.69	326.45	325.75	325.46	324.17	324.52	322.91	321.24	318.79
18	326.77	326.06	328.67	327.60	326.41	325.68	325.39	324.06	324.46	322.91	321.18	318.64
19	326.72	326.20	328.71	327.63	326.40	325.97	325.24	324.13	324.48	322.81	321.13	318.50
20	326.64	326.29	328.79	327.57	326.35	326.21	325.12	324.14	324.47	322.67	321.12	318.51
21	326.68	326.38	328.74	327.54	326.36	326.31	325.18	324.09	324.21	322.64	321.03	318.44
22	326.77	326.92	328.68	327.45	326.24	326.31	325.15	324.07	324.13	322.55	320.97	318.34
23	326.84	326.98	328.72	327.39	326.18	326.30	325.25	324.00	324.12	322.51	320.87	318.27
24	326.73	326.99	328.80	327.36	326.21	326.31	325.18	323.92	324.12	322.46	320.77	318.15
25	326.66	327.04	328.98	327.27	326.17	326.30	325.16	323.81	324.11	322.47	320.72	318.12
26	326.53	327.09	328.90	327.27	326.20	326.30	325.03	323.90	324.06	322.30	320.60	318.13
27	326.47	327.13	328.95	327.29	326.18	326.29	324.95	324.32	324.05	322.24	320.56	318.08
28	326.39	327.23	328.88	327.12	326.15	326.27	324.92	324.41	323.95	322.18	320.54	318.02
29	326.31	327.29	328.84	327.14	---	326.18	324.88	324.54	323.85	322.11	320.44	317.98
30	326.26	327.75	328.83	327.08	---	326.14	324.89	324.61	323.87	322.04	320.33	317.82
31	326.17	---	328.87	327.05	---	326.06	---	324.53	---	322.01	320.22	---
MAX	327.34	327.75	328.98	328.89	326.91	326.31	326.06	324.86	324.68	323.81	321.96	320.17
MIN	326.17	325.87	328.17	327.05	326.15	325.68	324.88	323.81	323.85	322.01	320.22	317.82
(+)	46.7	51.5	54.9	49.4	46.6	46.4	42.8	41.9	40.2	35.3	30.6	25.1
(*)	-650	1860	1280	-2070	-1140	-102	-1360	-350	-666	-1810	-1750	-2130

CAL YR 1985 * 610 MAX 329.73 MIN 322.21
WTR YR 1986 * -739 MAX 328.98 MIN 317.82

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45", long 82°10'55", Edgefield County, Hydrologic Unit 03060107, on left bank at bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 mi^2.

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to September 1978, November 1983 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Water-stage recorder. Datum of gage is 197.34 ft above National Geodetic Vertical Datum of 1929 (levels by Southeastern Power Administration). October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

REMARKS.--No estimated daily discharges. Records fair, except those below 240 ft^3/s, which are poor.

AVERAGE DISCHARGE.--41 years (1930-31, 1940-78, 1986), 409 ft^3/s, 10.19 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft^3/s, Aug. 14, 1940, gage height, 41.08 ft, Aug. 14, 1940; no flow many days Sept., Oct., Nov. 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Oct. 4	1800	*7950	*21.41	Dec. 1	0330	7040	20.11
Nov. 23	0100	7130	20.24	Mar. 20	0845	7620	20.95

Minimum daily, 4.2 ft^3/s, Jul. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	622	5620	116	125	110	172	52	85	13	14	42
2	4110	1630	3150	161	122	104	158	48	65	11	11	35
3	872	571	1160	151	119	101	148	42	52	12	7.5	31
4	5590	379	607	128	113	98	140	38	43	10	7.6	26
5	2080	444	438	120	113	97	130	37	38	17	9.4	24
6	399	275	358	113	137	94	124	36	34	14	54	27
7	220	179	305	104	503	92	119	62	32	11	26	30
8	141	132	269	99	361	87	120	19	30	11	14	27
9	98	107	243	94	230	83	129	19	28	8.7	13	27
10	78	91	216	90	197	83	125	35	115	8.4	8.4	21
11	64	82	199	94	972	86	114	31	100	12	9.4	19
12	56	78	191	97	840	90	104	32	68	8.5	18	19
13	48	262	249	95	422	98	99	30	46	5.6	540	14
14	41	295	384	90	292	1210	95	51	33	5.9	1060	13
15	34	191	293	85	262	1480	90	43	27	11	352	13
16	27	143	217	85	257	520	86	44	40	9.1	147	14
17	25	130	190	83	219	329	79	37	100	5.9	74	11
18	26	122	178	87	199	257	78	33	71	8.8	45	12
19	21	114	158	640	197	1320	71	33	37	5.4	29	10
20	20	104	148	713	190	6590	71	36	26	4.6	1350	7.9
21	23	91	138	352	177	2650	82	73	19	5.1	385	8.4
22	39	3310	132	236	164	947	118	52	16	8.6	189	10
23	1270	4260	129	192	150	555	129	41	16	5.5	136	12
24	438	1190	129	163	139	416	89	32	15	4.2	101	8.2
25	188	533	128	138	129	338	75	25	13	35	72	6.1
26	113	398	117	136	121	294	70	27	9.9	145	40	7.4
27	80	358	106	182	118	264	68	1420	8.8	278	26	6.2
28	64	306	104	189	117	235	63	1070	9.9	102	240	5.2
29	61	871	111	140	---	204	59	400	15	40	220	5.6
30	58	2940	113	127	---	182	56	208	15	24	153	18
31	59	---	107	130	---	175	---	120	---	18	69	---
TOTAL	16349.0	20208	15887	5230	6985	19189	3061	4226	1207.6	858.3	5420.3	510.0
MEAN	527	674	512	169	249	619	102	136	40.3	27.7	175	17.0
MAX	5590	4260	5620	713	972	6590	172	1420	115	278	1350	42
MIN	6.0	78	104	83	113	83	56	19	8.8	4.2	7.5	5.2

CAL YR 1985	TOTAL	118028.6	MEAN	323	MAX	11400	MIN	5.0
WTR YR 1986	TOTAL	99131.2	MEAN	272	MAX	6590	MIN	4.2

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02196250 HORN CREEK NEAR COLLIERS, SC

LOCATION.--Lat 33°42'55", long 81°56'23", Edgefield County, Hydrologic Unit 03060107, on County Road 76 bridge 5.1 mi south of Edgefield and 3.5 mi northeast of Ropers Crossroads.

DRAINAGE AREA.--13.9 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except estimated daily discharges May 19-23, Jun. 2 to Sept. 30, which are poor.

AVERAGE DISCHARGE.--6 years, 12.2 ft^3/s, 11.9 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, gage height 15.29 ft, Oct. 2, 1985; minimum daily discharge, 0.77 ft^3/s, Oct. 1, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, gage height 15.29 ft, Oct. 2; minimum daily discharge, 0.98 ft^3/s, Jul. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	75	33	8.9	10	11	9.6	4.9	3.5	2.0	1.0	6.9
2	262	30	25	8.4	10	11	9.7	4.7	3.3	1.9	1.0	5.2
3	35	19	16	8.4	10	11	9.3	4.6	3.0	2.1	1.0	4.2
4	149	18	14	8.3	9.9	11	9.0	4.4	2.8	2.6	1.1	3.7
5	49	14	13	8.1	11	10	8.7	4.5	2.6	1.7	1.1	12
6	25	12	12	7.9	15	10	8.5	4.3	2.4	1.8	1.1	11
7	16	11	11	7.8	13	9.9	8.3	4.3	2.3	1.7	1.2	9.0
8	13	11	11	7.8	12	9.9	9.8	4.1	2.8	1.6	1.2	7.4
9	12	11	11	7.9	11	9.8	9.9	4.1	2.5	1.5	1.3	6.2
10	11	10	10	8.3	35	10	8.3	3.8	2.3	1.4	1.4	4.0
11	11	9.8	10	8.4	58	9.9	7.8	3.8	3.3	1.3	1.5	3.1
12	10	13	11	8.1	20	10	7.5	3.9	2.9	1.2	1.8	6.2
13	10	15	16	8.3	16	11	7.4	5.4	2.6	1.3	8.8	6.6
14	9.9	12	12	8.3	15	22	7.1	4.9	2.2	2.3	7.0	6.8
15	9.8	12	11	8.3	14	14	6.8	4.4	2.4	6.0	5.4	5.2
16	9.5	13	10	8.3	13	12	6.8	4.4	3.2	5.6	3.6	4.1
17	9.6	12	10	8.5	13	11	6.8	4.3	3.8	3.9	2.7	3.1
18	9.5	11	9.9	23	13	11	6.9	4.6	5.3	2.4	1.9	2.4
19	9.4	11	9.4	52	13	43	6.7	4.7	5.0	1.8	1.7	1.9
20	9.4	11	9.1	16	13	44	6.5	5.2	4.0	1.2	18	1.8
21	9.4	16	9.0	12	12	21	7.3	7.7	3.4	.98	13	1.7
22	40	183	9.0	11	12	16	6.7	6.2	3.0	1.0	9.0	1.6
23	23	68	8.9	11	12	13	6.2	4.0	2.7	1.1	7.2	1.4
24	13	32	8.9	10	12	12	6.0	5.6	2.5	1.1	5.8	1.3
25	11	19	8.8	10	11	12	5.9	7.0	2.4	1.0	6.4	1.2
26	11	18	8.5	11	11	11	5.7	10	2.3	1.0	9.4	1.1
27	11	15	8.6	10	11	11	5.5	19	2.2	1.1	8.2	1.2
28	11	13	8.7	10	11	11	5.2	12	2.2	1.2	12	1.3
29	10	12	8.8	10	---	10	5.2	4.7	2.1	1.1	11	2.4
30	12	49	8.6	10	---	10	5.1	4.1	2.1	1.1	7.6	5.2
31	22	---	8.7	9.9	---	9.7	---	3.7	---	1.0	8.8	---
TOTAL	869.5	755.8	360.9	345.9	416.9	428.2	220.2	173.3	87.1	56.98	162.2	129.2
MEAN	28.0	25.2	11.6	11.2	14.9	13.8	7.34	5.59	2.90	1.84	5.23	4.31
MAX	262	183	33	52	58	44	9.9	19	5.3	6.0	18	12
MIN	9.4	9.8	8.5	7.8	9.9	9.7	5.1	3.7	2.1	.98	1.0	1.1

CAL YR 1985	TOTAL	4849.6	MEAN	13.3	MAX	262	MIN	3.0
WTR YR 1986	TOTAL	4006.18	MEAN	11.0	MAX	262	MIN	.98

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02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25", long 81°56'35", Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.--7,508 mi², including that of Butler Creek.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharges only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1885, 1896-99, 1902-03, 1906-07, and 1932 (M).

GAGE.--Water-stage recorder. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft NGVD (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft NGVD (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 19[illegible], recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Clark Hill Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

AVERAGE DISCHARGE.--79 years (water years 1884-91, 1897-1906, 1926-86), 10,113 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 350,000 ft³/s, Oct. 3, 1929; maximum gage height, 46.3 ft, Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 ft³/s, Sept. 24, 1939, from rating curve extended below 1,400 ft³/s; minimum daily, 1,040 ft³/s, Oct. 2, 1927.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known occurred in 1796, discharge 360,000 ft³/s, gage height, 40 ft, marked by local residents (at site and datum of Fifth Street gage), by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,000 ft³/s, Oct. 3, gage height, 15.74 ft; minimum daily, 4,590 ft³/s, Sept. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5340	6210	11100	6740	7130	5920	5400	5220	5720	5740	5780	5360
2	9040	6410	11600	7700	6350	5890	5580	5300	5060	6490	5630	5120
3	16000	7020	10400	7530	5910	5960	5830	5440	5070	5780	5240	5440
4	11700	6470	8890	7250	5690	5990	5980	5150	5140	5640	5210	6330
5	13900	6080	7470	6550	6790	5620	6010	5140	5220	5560	5340	7000
6	10400	6010	6710	6250	7790	5520	5780	5370	5270	5170	5370	5990
7	6800	5900	6190	7680	7360	5690	5580	5290	5270	5110	5880	5520
8	5780	5720	5690	7600	6010	5540	5520	5210	5200	5290	6200	5160
9	5520	5570	5520	8280	5500	5330	5510	5310	5280	7770	6220	4590
10	5490	5480	5740	7410	6060	5240	5590	5300	5480	7780	5570	5560
11	5480	5540	5850	6400	8350	5250	5730	5180	5630	5800	5440	6330
12	5650	5560	5680	6000	9830	5330	6160	5150	6130	5110	5240	6470
13	5400	5560	5720	5670	9170	5450	5820	5320	6360	4950	6100	5380
14	5330	5540	5700	6840	6670	6160	5190	5450	5860	4810	8990	4850
15	5440	5580	5740	8640	7080	7820	5240	5930	5580	4750	7230	4720
16	5350	5610	6000	9110	6320	9310	5490	5510	5280	4940	6220	4890
17	5350	5650	6340	9060	6040	6870	5590	5470	5130	6660	5650	5130
18	5170	6360	5960	7840	6830	5980	5610	5060	5760	7890	5200	5700
19	5180	5700	5720	6730	7040	6010	5510	5140	7040	7480	5130	6150
20	5230	5690	5640	7850	6580	8780	5480	5140	7250	6150	5620	5850
21	5190	5740	5910	8900	6100	15200	5390	5100	6600	5350	8260	5260
22	5230	7460	5740	8870	5750	11100	5660	5890	6440	5770	8040	5140
23	5450	13700	5620	[illegible]	5820	7810	5610	5450	6010	6560	6400	4900
24	5720	13500	5630	[illegible]	5650	5990	5550	5160	5950	5600	5540	5080
25	5730	8480	5550	7560	5700	5750	5310	5080	8490	5900	5140	6200
26	5610	6210	5620	6410	5760	5640	5320	4900	6620	6780	4650	6110
27	5500	6470	5370	6580	5860	5490	5280	5150	6000	5830	5160	5910
28	5460	6460	5170	6220	5920	5450	5410	5950	5530	5900	7950	5070
29	5400	6480	5060	7180	---	5400	5320	7950	5480	5460	7560	5110
30	5610	6930	5210	7790	---	5570	5270	6010	5170	6160	6650	5150
31	5560	---	5910	7660	---	5500	---	7130	---	6410	6250	---
TOTAL	204010	199090	198450	231280	185060	202560	166720	169850	175020	184580	188860	165470
MEAN	6581	6636	6402	7461	6609	6534	5557	5479	5834	5954	6092	5516
MAX	16000	13700	11600	9110	9830	15200	6160	7950	8490	7890	8990	7000
MIN	5170	5480	5060	5670	5500	5240	5190	4900	5060	4750	4650	4590

CAL YR 1985 TOTAL 2393200 MEAN 6557 MAX 23700 MIN 4750
WTR YR 1986 TOTAL 2270950 MEAN 6222 MAX 16000 MIN 4590

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02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1949 to September 1950, February 1968 to September 1972, July 1973 to September 1986.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1973 to September 1986 (discontinued).

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.5°C Aug. 14-17, 1981; minimum, 4.5°C Feb. 19, 20, 1979.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.0°C July 16, Aug. 19-20, 25-27; minimum, 4.5°C Jan. 29.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.5	20.0	20.5	19.0	17.5	18.5	18.5	17.5	18.0	10.5	9.5	10.0
2	21.0	20.5	21.0	19.5	19.0	19.0	17.5	16.0	17.0	11.0	10.5	10.5
3	21.0	20.0	20.5	19.5	19.0	19.0	16.0	14.5	15.0	11.0	10.5	10.5
4	21.5	20.5	21.0	19.0	18.0	18.5	14.5	14.0	14.0	11.0	10.5	11.0
5	21.5	21.0	21.5	18.0	17.0	17.5	14.0	14.0	14.0	10.5	10.5	10.5
6	21.0	20.0	20.5	17.0	16.5	16.5	14.0	13.5	13.5	10.0	9.5	9.5
7	20.0	19.5	20.0	17.5	16.5	17.0	13.5	13.0	13.0	10.0	9.0	9.5
8	20.0	19.0	19.5	17.5	17.0	17.5	13.5	13.0	13.0	9.5	9.0	9.5
9	19.5	19.0	19.5	17.5	17.0	17.0	14.0	13.5	13.5	9.0	8.5	8.5
10	20.0	19.0	19.5	17.5	16.5	17.0	14.0	13.5	13.5	9.0	8.5	8.5
11	20.5	20.0	20.0	18.0	17.0	17.5	15.0	14.0	14.0	9.0	9.0	9.0
12	21.0	20.5	20.5	18.5	18.0	18.0	15.5	15.0	15.0	9.5	9.0	9.0
13	21.5	21.0	21.0	18.5	18.0	18.5	16.0	15.5	15.5	9.5	9.0	9.5
14	22.0	21.5	22.0	18.5	18.5	18.5	16.0	14.5	15.0	9.5	8.5	9.0
15	22.5	21.5	22.0	19.0	18.5	18.5	14.5	13.0	13.5	9.0	8.5	9.0
16	22.5	21.5	22.0	19.0	18.5	19.0	13.0	12.0	12.0	9.0	9.0	9.0
17	22.0	21.0	21.5	19.0	18.5	19.0	12.0	11.5	12.0	9.5	9.0	9.5
18	21.0	20.5	21.0	19.0	18.5	19.0	12.5	11.5	12.0	10.0	9.5	10.0
19	21.0	20.5	20.5	19.5	19.0	19.0	12.0	12.0	12.0	10.5	10.0	10.0
20	21.0	21.0	21.0	19.5	19.0	19.0	12.0	11.5	12.0	10.5	9.5	10.0
21	21.5	21.0	21.0	19.5	19.0	19.5	11.5	11.0	11.0	9.5	8.5	9.0
22	21.5	20.5	21.0	19.5	18.0	18.5	11.0	10.5	10.5	10.0	9.0	9.5
23	21.0	20.0	20.5	17.5	16.5	17.0	11.0	10.0	10.5	10.5	9.5	10.0
24	20.0	19.5	20.0	16.5	16.0	16.5	11.5	10.5	11.0	10.0	9.0	9.5
25	21.0	20.0	20.5	16.5	16.5	16.5	11.5	11.0	11.5	9.0	8.5	9.0
26	21.0	20.5	20.5	17.0	16.5	17.0	11.0	9.5	10.0	8.5	8.5	8.5
27	20.5	20.0	20.0	18.5	17.0	18.0	9.0	8.5	8.5	8.5	7.0	7.5
28	20.0	19.5	19.5	19.0	18.0	18.5	9.0	8.5	8.5	7.0	5.5	6.0
29	19.5	18.5	19.0	19.0	18.5	18.5	10.0	9.0	9.5	5.5	4.5	5.0
30	18.5	17.5	18.0	19.0	18.5	18.5	10.5	9.5	10.0	7.0	5.5	6.0
31	17.5	17.5	17.5	---	---	---	10.5	9.5	10.0	7.5	7.0	7.0
MONTH	22.5	17.5	20.5	19.5	16.0	18.0	18.5	8.5	12.5	11.0	4.5	9.0

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02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.5	7.5	10.5	10.0	10.0	15.5	15.5	15.5	18.5	18.0	18.5
2	8.5	8.0	8.0	10.0	9.5	9.5	16.0	15.5	15.5	19.0	18.0	18.5
3	9.5	8.5	9.0	10.5	9.5	10.0	16.0	15.0	15.5	18.5	18.0	18.5
4	10.0	9.5	9.5	11.0	10.5	10.5	16.0	15.5	15.5	18.0	17.5	18.0
5	10.5	10.0	10.0	11.0	10.5	10.5	16.0	15.5	15.5	18.0	17.5	18.0
6	10.0	9.5	10.0	11.0	10.5	10.5	16.0	16.0	16.0	18.5	18.0	18.5
7	10.0	9.5	10.0	11.5	10.5	11.0	16.5	16.0	16.5	18.5	18.5	18.5
8	10.0	9.5	9.5	11.5	10.5	11.0	16.5	16.0	16.0	18.5	18.0	18.5
9	10.0	9.0	9.5	11.5	11.0	11.0	16.0	15.0	15.5	18.5	18.0	18.5
10	9.5	9.5	9.5	12.5	11.5	11.5	15.0	14.5	14.5	18.5	18.5	18.5
11	9.5	9.0	9.5	13.0	12.5	12.5	14.5	14.0	14.5	18.5	18.0	18.5
12	9.0	8.0	8.5	13.5	13.0	13.5	15.5	14.5	15.0	18.5	18.0	18.5
13	8.5	8.0	8.0	14.5	14.0	14.0	16.0	15.0	15.5	19.0	18.0	19.0
14	8.5	7.5	8.0	14.5	14.0	14.5	16.5	15.5	16.0	19.0	18.5	19.0
15	8.5	7.5	8.0	14.0	13.5	13.5	16.5	16.0	16.0	19.0	18.5	18.5
16	9.0	8.0	8.5	15.0	13.0	14.0	16.0	15.5	16.0	19.0	18.5	18.5
17	10.0	9.0	9.5	14.0	13.0	13.5	15.5	15.0	15.0	19.5	18.5	19.0
18	11.0	9.5	10.0	14.5	13.5	14.0	15.0	14.5	15.0	20.0	19.0	19.5
19	11.5	10.5	11.0	14.5	14.0	14.0	16.5	15.0	15.5	20.5	19.5	20.0
20	11.5	10.5	11.0	14.5	13.0	14.0	16.5	16.5	16.5	20.5	20.0	20.5
21	11.5	11.0	11.0	14.0	12.5	13.0	17.0	16.5	17.0	20.0	19.5	19.5
22	12.0	11.5	11.5	12.5	11.5	12.0	16.5	16.0	16.5	19.5	19.0	19.0
23	12.0	11.5	12.0	12.0	11.5	12.0	16.0	15.5	15.5	19.0	18.0	18.5
24	12.0	11.0	11.5	13.5	11.5	12.0	15.5	15.0	15.5	20.0	19.0	19.5
25	11.5	10.5	11.0	14.0	12.5	13.0	16.5	15.5	16.0	20.5	20.0	20.0
26	10.5	10.0	10.0	14.5	13.5	14.0	17.5	16.5	17.0	21.5	20.0	21.0
27	10.5	10.0	10.0	14.5	14.0	14.5	18.0	17.0	18.0	21.5	21.0	21.0
28	10.5	10.5	10.5	15.0	14.0	14.5	19.0	18.0	18.5	21.0	20.0	20.5
29	---	---	---	15.0	14.5	14.5	18.5	18.5	18.5	20.5	19.5	20.0
30	---	---	---	15.0	14.5	15.0	19.0	18.5	18.5	20.0	18.5	19.0
31	---	---	---	15.5	14.5	15.0	---	---	---	21.0	20.0	20.5
MONTH	12.0	7.5	9.5	15.5	9.5	12.5	19.0	14.0	16.0	21.5	17.5	19.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.0	19.0	20.0	23.5	22.5	23.5	23.0	22.0	22.5	20.0	19.0	19.5
2	21.5	20.0	21.0	23.5	21.5	22.5	23.5	23.0	23.0	20.5	19.5	20.0
3	22.0	21.0	21.5	22.0	21.5	21.5	24.0	23.5	23.5	21.5	20.5	21.0
4	21.5	20.0	20.5	22.0	21.5	22.0	23.5	23.0	23.5	21.5	21.0	21.0
5	20.0	19.0	19.5	22.0	21.5	22.0	23.5	23.0	23.0	21.5	21.0	21.5
6	20.0	19.5	19.5	22.0	21.0	21.5	23.5	23.0	23.5	21.5	21.0	21.5
7	20.5	20.0	20.5	23.0	21.5	22.0	23.0	22.5	23.0	22.5	21.5	22.0
8	21.5	21.0	21.0	23.5	22.0	23.0	23.0	22.5	23.0	23.0	22.0	22.5
9	22.5	21.5	22.0	23.5	21.5	22.5	23.0	22.5	22.5	23.5	22.5	23.0
10	22.5	22.5	22.5	21.5	19.5	20.5	23.0	22.5	23.0	23.0	23.0	23.0
11	23.0	22.5	22.5	21.5	21.5	21.5	24.0	23.0	23.5	23.0	22.0	22.5
12	22.5	22.0	22.0	23.0	21.5	22.5	24.5	24.5	24.5	22.5	21.5	22.0
13	22.5	20.5	21.5	24.0	23.0	23.5	24.5	23.0	24.0	22.5	22.0	22.0
14	22.5	21.0	21.5	24.5	24.0	24.5	23.0	21.0	22.0	23.0	22.0	22.5
15	22.0	21.5	21.5	24.5	24.0	24.5	22.5	20.5	21.5	23.5	22.0	23.0
16	22.5	21.5	22.0	25.0	24.0	24.5	23.0	22.0	22.5	23.5	23.0	23.0
17	23.5	22.5	23.0	24.0	22.5	23.0	23.5	23.5	23.5	23.5	23.0	23.5
18	23.0	22.0	22.5	23.0	20.5	22.0	24.5	23.5	24.5	23.0	22.0	22.5
19	22.0	20.0	21.0	22.5	20.5	21.5	25.0	24.5	24.5	22.0	21.0	21.0
20	21.0	19.5	20.0	22.5	21.5	22.0	25.0	23.0	24.0	21.5	21.0	21.0
21	21.0	20.0	20.5	24.0	22.0	23.0	23.0	21.0	22.0	22.5	21.5	22.0
22	21.5	21.0	21.0	24.0	23.5	24.0	23.0	21.5	22.5	23.5	22.5	23.0
23	21.0	20.5	21.0	24.0	22.5	23.0	23.0	22.0	22.5	24.5	23.5	24.0
24	22.5	21.0	22.0	23.0	21.5	22.0	24.0	23.0	23.5	24.0	23.5	24.0
25	22.5	20.0	21.0	22.5	21.5	22.0	25.0	23.5	24.5	23.5	22.5	23.0
26	21.0	19.0	19.5	22.0	21.0	21.5	25.0	24.5	25.0	23.5	22.5	23.0
27	22.0	21.0	21.5	22.0	21.5	22.0	25.0	24.0	24.5	23.5	23.0	23.0
28	22.5	21.0	22.0	23.5	22.0	23.0	23.5	22.5	23.0	24.0	23.5	24.0
29	22.0	21.0	22.0	24.0	24.0	24.0	23.0	22.0	22.0	24.5	23.0	24.0
30	22.5	22.0	22.5	24.5	23.5	24.0	21.5	20.0	20.5	24.5	24.0	24.5
31	---	---	---	23.5	22.0	23.0	20.0	19.0	19.5	---	---	---
MONTH	23.5	19.0	21.5	25.0	19.5	22.5	25.0	19.0	23.0	24.5	19.0	22.5
YEAR	25.0	4.5	17.5									

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC
(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 33°23'05", long 81°37'00", Aiken County, Hydrologic Unit 03060106, at downstream side of bridge on U.S. Highway 278, 0.4 mi upstream from Johnson Fork Creek, and 4.6 mi southeast of New Ellenton.

DRAINAGE AREA.--87.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--20 years, 106 ft^3/s, 16.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 472 ft^3/s, Jun. 13, 1983, gage height, 8.13 ft; minimum, 49 ft^3/s, gage height 4.96 ft, Jul. 22, Aug. 19, 22, 23, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 22	1200	*360	*7.30	Aug. 7	0700	257	6.81
Feb. 11	0900	263	6.85	Aug. 21	0100	276	6.94

Minimum discharge, 61 ft^3/s, Jun. 8, gage height, 4.76 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	191	138	103	92	84	80	67	69	76	75	106
2	98	117	138	100	92	83	79	67	68	79	72	97
3	89	92	118	99	92	84	78	68	69	93	75	94
4	96	106	117	99	91	84	78	73	80	82	82	91
5	113	82	112	98	97	83	77	69	84	79	91	103
6	85	78	112	94	120	85	76	69	72	83	99	107
7	78	73	108	97	115	83	76	68	68	79	194	95
8	76	70	107	96	95	83	92	70	66	75	104	87
9	75	70	104	95	95	84	113	77	69	74	111	86
10	75	70	104	99	123	83	85	69	116	72	110	87
11	79	70	103	123	217	86	80	68	161	73	89	83
12	81	97	113	106	130	88	79	86	104	73	92	83
13	82	123	192	103	112	105	77	134	95	70	104	84
14	78	86	142	96	107	168	76	95	88	69	189	77
15	75	79	121	97	103	121	75	92	87	82	147	75
16	90	79	114	95	99	100	76	85	93	76	103	75
17	81	76	110	95	100	92	75	83	90	76	92	76
18	77	72	107	96	96	91	74	80	85	73	88	76
19	77	77	105	107	98	126	73	80	89	69	90	77
20	78	81	104	100	95	193	72	79	95	67	161	76
21	77	103	104	96	92	126	87	74	85	85	211	74
22	80	275	104	94	94	102	78	72	82	103	121	73
23	94	198	104	96	93	96	74	71	81	115	103	74
24	83	141	106	95	94	96	73	71	79	89	97	73
25	79	126	103	92	91	89	72	69	80	87	98	73
26	76	120	100	105	91	87	71	71	80	107	96	72
27	76	116	103	103	88	85	70	73	84	86	87	71
28	79	111	104	93	83	83	69	78	82	81	91	72
29	79	126	106	96	---	81	68	86	84	77	92	73
30	82	192	101	99	---	82	68	77	79	76	94	74
31	129	---	101	94	---	81	---	70	---	72	109	---
TOTAL	2585	3297	3525	3061	2895	3014	2321	2391	2564	2498	3367	2468
MEAN	83.4	110	114	98.7	103	97.2	77.4	77.1	85.5	80.6	109	82.3
MAX	129	275	192	123	217	193	113	134	161	115	211	107
MIN	68	70	100	92	83	81	68	67	66	67	72	71

CAL YR 1985 TOTAL 35908 MEAN 98.4 MAX 334 MIN 64

WTR YR 1986 TOTAL 33986 MEAN 93.1 MAX 275 MIN 66

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1966 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV 15...	1530	81	12	5.50	18.0	1.0	774	8.6	89	160	--	3
FEB 06...	1610	101	14	5.50	16.0	2.9	762	8.9	90	K460	2100	4
MAY 21...	1700	63	14	5.80	20.0	2.5	764	8.7	95	260	480	3
AUG 07...	1100	299	31	4.50	21.5	--	777	7.0	78	3400	2100	--

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 15...	0	.65	.34	1.5	48	.4	.40	2.0	1.3	2.2	<.10
FEB 06...	0	.90	.40	2.9	60	.7	.30	<1.0	4.9	2.5	<.10
MAY 21...	1	.70	.30	2.8	65	.7	.20	2.0	2.3	2.3	<.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)
NOV 15...	7.2	13	15	.02	2.8	<.10	.090	.12	.20	.010	.03
FEB 06...	7.2	16	24	.02	4.4	.25	<.010	.01	.40	.040	.12
MAY 21...	7.0	20	17	.03	3.4	.28	.010	.01	.20	.010	--
AUG 07...	--	--	--	--	--	.24	.020	.03	.60	.030	--

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV											
15...	.010	<.010	30	<1	<2	<.5	<1	<1	<3	1	130
FEB											
06...	.010	<.010	40	<1	<2	<.5	<1	<1	<3	<1	100
MAY											
21...	<.010	<.010	30	<1	<2	<10	<1	<1	<3	2	170
AUG											
07...	.010	<.010	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV											
15...	<1	<4	13	.1	<10	4	<1	<1	4	<6	5
FEB											
06...	<1	<4	<1	.1	<10	<1	<1	<1	4	<6	3
MAY											
21...	3	<4	2	.1	<10	<1	<1	<1	4	<6	<3

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV											
15...	4	.87	47	2.1	1.0	1.7	1.0	1.7	1.0	.99	<.02
FEB											
06...	12	3.3	48	2.1	1.5	1.6	1.2	1.6	1.2	.74	<.04
MAY											
21...	5	.85	70	--	--	--	--	--	--	--	--
AUG											
07...	13	10	28	--	--	--	--	--	--	--	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

021973026 A-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'42'', long 81°44'02'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, 100 ft southeast of the southeast corner of the Savannah River Plant Laboratory Area (Area A), 40 ft southeast of Rd 1-A.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Dec. 15-18, 22, 23, Mar. 13, 14, Apr. 1, and Aug. 4, which are poor, and those above 1.3 ft^3/s, which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jul. 16, 1985, gage height, 1.63 ft; minimum daily, 0.02 ft^3/s Dec. 15-17, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Oct. 1, gage height, 1.57 ft; minimum daily, 0.02 ft^3/s, Dec. 15-17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.23	.15	.07	.12	.65	.15	.28	.17	.11	.12	.40	.10
2	.28	.09	.08	.09	.64	.15	.19	.18	.14	.16	.30	.15
3	.12	.12	.09	.07	.48	.14	.17	.20	.16	.12	.26	.09
4	.12	.09	.08	.08	.39	.15	.16	.19	.15	.09	.30	.09
5	.15	.10	.10	.09	.34	.15	.15	.15	.10	.10	.19	.09
6	.12	.10	.09	.11	.26	.15	.15	.15	.09	.11	.21	.07
7	.12	.09	.09	.12	.12	.18	.15	.15	.10	.12	.34	.07
8	.12	.34	.09	.10	.09	.18	.28	.19	.12	.18	.22	.08
9	.13	.07	.09	.13	.09	.18	.21	.15	.32	.24	.19	.09
10	.15	.14	.09	.19	.60	.16	.20	.15	.78	.25	.19	.13
11	.12	.10	.09	.12	.13	.16	.14	.15	.76	.42	.19	.09
12	.12	.40	.15	.11	.09	.34	.13	.28	.67	.26	.20	.10
13	.12	.50	.15	.12	.17	.91	.13	.15	.45	.31	.21	.08
14	.12	.51	.18	.13	.23	.84	.15	.16	.14	.28	.34	.09
15	.12	.21	.02	.12	.08	.28	.16	.14	.10	.28	.18	.09
16	.12	.08	.02	.12	.14	.10	.12	.11	.10	.44	.18	.11
17	.12	.07	.02	.12	.12	.21	.15	.09	.11	.48	.18	.09
18	.12	.07	.05	.12	.69	.21	.13	.09	.12	.44	.19	.05
19	.12	.08	.12	.12	.71	.34	.15	.09	.12	.45	.22	.09
20	.12	.12	.15	.12	.71	.26	.15	.09	.12	.48	.91	.09
21	.12	.15	.09	.12	.77	.17	.18	.10	.09	.48	.22	.10
22	.15	.60	.06	.12	.78	.11	.12	.11	.09	.60	.19	.09
23	.12	.09	.05	.12	.75	.11	.14	.12	.11	.62	.19	.10
24	.11	.06	.09	.12	.75	.21	.15	.12	.12	.64	.19	.10
25	.12	.07	.23	.12	.80	.19	.16	.12	.12	.56	.22	.18
26	.12	.07	.17	.17	.66	.22	.16	.12	.12	.44	.19	.17
27	.12	.07	.12	.37	.22	.15	.16	.12	.12	.43	.22	.11
28	.13	.07	.13	.08	.17	.20	.19	.15	.11	.46	.25	.10
29	.11	.15	.12	.33	---	.14	.18	.09	.11	.37	.18	.11
30	.11	.13	.12	.67	---	.14	.16	.10	.10	.39	.15	.09
31	.42	---	.13	.67	---	.20	---	.10	---	.53	.12	---
TOTAL	4.37	4.89	3.13	5.19	11.63	7.08	4.95	4.28	5.85	10.85	7.52	3.03
MEAN	.14	.16	.10	.17	.42	.23	.16	.14	.19	.35	.24	.10
MAX	.42	.60	.23	.67	.80	.91	.28	.28	.78	.64	.91	.18
MIN	.11	.06	.02	.07	.08	.10	.12	.09	.09	.09	.12	.07

CAL YR 1985 TOTAL 68.51 MEAN .19 MAX .91 MIN .02
WTR YR 1986 TOTAL 72.77 MEAN .20 MAX .91 MIN .02

021973028 A-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'10", long 81°43'53", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Road 1-A.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined, May 3, 1984, gage height 1.98 ft; minimum daily, less than 0.01 ft^3/s Mar. 5, 1985, and many days in Jul.-Sept., 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, Aug. 20, gage height, 1.79 ft; minimum daily, less than 0.01 ft^3/s, on many days in Jul.-Sept.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	.24	.06	.05	.04	.05	.03	.05	.03	.02	.01	.01
2	.64	.03	.03	.06	.04	.05	.04	.05	.03	.07	.02	.17
3	.05	.14	.03	.05	.03	.43	.04	.04	.10	.02	.01	.05
4	.05	.02	.03	.06	.03	.04	.04	.04	.19	.02	.32	.04
5	.18	.01	.05	.05	.18	.08	.04	.04	.03	.02	.07	.08
6	.04	.01	.02	.05	.49	.32	.04	.05	.03	.02	.09	.05
7	.04	.01	.02	.05	.03	.13	.05	.06	.03	.02	1.6	.04
8	.04	.01	.02	.05	.04	.04	.44	.14	.03	.03	.35	.05
9	.03	.01	.02	.06	.03	.57	.09	.05	.03	.03	.05	.05
10	.03	.01	.02	.20	1.8	.04	.05	.04	3.0	.03	.05	.05
11	.03	.01	.02	.06	.28	.04	.05	.05	.22	.21	.05	.05
12	.03	.15	.69	.05	.04	.12	.08	1.3	.04	.05	.07	.07
13	.03	.03	.87	.05	.05	.41	.08	.48	.04	.05	.07	.05
14	.03	.03	.03	.05	.05	.93	.07	.32	.05	.05	1.6	.04
15	.04	.04	.03	.05	.05	.04	.07	.05	.05	.04	.04	.04
16	.32	.04	.04	.05	.05	.04	.07	.04	.08	.07	.04	.03
17	.05	.04	.04	.05	.05	.04	.05	.04	.09	.03	.04	.25
18	.05	.03	.58	.06	.05	.03	.05	.04	.08	.05	.04	.02
19	.05	.01	.06	.10	.05	1.2	.05	.04	.08	.04	.07	.02
20	.05	.55	.04	.05	.05	.65	.05	.03	.08	.04	5.2	.00
21	.05	.25	.04	.05	.05	.22	.13	.62	.08	.04	.36	.00
22	.15	3.1	.04	.06	.05	.03	.05	.02	.08	.23	.04	.00
23	.04	.08	.04	.07	.03	.03	.05	.03	.08	.02	.04	.00
24	.03	.08	.04	.05	.04	.19	.05	.03	.17	.02	.06	.00
25	.03	.05	.05	.05	.05	.03	.05	.03	.22	.02	.04	.00
26	.03	.06	.05	.11	.09	.15	.05	.03	.22	.01	.03	.01
27	.03	.04	.05	.05	.06	.03	.05	.03	.22	.00	.13	.00
28	.06	.03	.05	.06	.05	.03	.05	.13	.22	.01	.19	.01
29	.03	.63	.05	.07	---	.03	.05	.03	.21	.01	.00	.02
30	.03	.45	.05	.05	---	.36	.05	.03	.06	.01	.03	.04
31	1.9	---	.05	.04	---	.09	---	.03	---	.01	.00	---
TOTAL	5.16	6.19	3.21	1.91	3.85	6.44	2.06	3.96	5.87	1.29	10.71	1.24
MEAN	.17	.21	.10	.06	.14	.21	.07	.13	.20	.04	.35	.04
MAX	1.9	3.1	.87	.20	1.8	1.2	.44	1.3	3.0	.23	5.2	.25
MIN	.03	.01	.02	.04	.03	.03	.03	.02	.03	.00	.00	.00

CAL YR 1985 TOTAL 40.57 MEAN .11 MAX 3.1 MIN .01
WTR YR 1986 TOTAL 51.89 MEAN .14 MAX 5.2 MIN .00

02197309 TIMS BRANCH AT ROAD C AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'12'', long 81°41'45'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right upstream end of metal culvert, 30 ft northeast of SRP Road C and 300 ft northwest of Upper Three Runs Creek.

DRAINAGE AREA.--17.5 mi².

PERIOD OF RECORD.--March 1974 to November 1982, May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations 5 mi upstream.

AVERAGE DISCHARGE.-- 10 years, 5.62 ft³/s, 4.36 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61 ft³/s, May 29, 1976, gage height, 6.17 ft; minimum daily, 1.0 ft³/s, September 27, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 42 ft³/s, Nov. 22, gage height, 4.83 ft; minimum daily, 2.6 ft³/s, Jul. 20-21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	17	10	5.8	4.9	6.0	5.0	5.0	3.5	3.0	2.7	4.8
2	11	9.1	8.3	5.4	4.1	5.9	4.8	4.1	3.2	3.0	2.7	3.9
3	7.3	7.6	7.1	5.3	3.7	5.8	4.6	3.6	3.8	3.0	2.7	4.0
4	5.1	7.2	6.7	5.5	4.6	5.9	4.6	3.5	4.5	2.9	2.9	3.7
5	5.3	5.4	6.7	5.4	6.0	5.6	4.7	3.7	5.6	2.9	3.0	3.7
6	5.0	5.4	6.9	5.0	8.7	5.6	4.8	3.8	4.1	2.9	2.7	3.9
7	4.4	5.3	6.2	5.1	8.4	5.6	4.6	4.0	3.7	2.9	3.2	3.7
8	3.9	4.7	6.0	4.6	6.8	5.3	5.5	4.3	3.3	2.8	9.1	3.5
9	3.8	4.1	5.8	4.9	6.3	5.2	7.1	5.4	3.2	2.8	5.5	3.3
10	4.1	5.1	5.9	5.9	11	4.8	5.7	4.3	4.7	2.7	3.6	3.3
11	4.7	5.0	5.8	7.5	22	5.0	5.0	4.0	20	2.8	3.1	3.3
12	4.9	5.1	7.3	5.9	12	5.3	4.9	4.8	7.0	3.1	2.9	3.2
13	4.8	5.7	18	5.5	8.8	6.7	4.7	12	5.9	2.8	3.2	3.2
14	4.4	4.9	11	5.3	7.7	15	4.3	8.8	4.1	2.7	8.4	3.2
15	4.2	4.9	7.7	5.3	6.2	10	4.6	8.6	4.0	2.7	10	3.1
16	4.3	4.6	6.0	5.4	5.0	7.6	4.5	5.6	3.9	2.7	4.8	3.1
17	4.5	4.5	6.2	5.5	5.6	6.5	4.6	4.8	3.7	2.9	3.8	3.1
18	4.2	4.4	6.4	5.7	5.9	6.1	4.6	4.3	3.5	2.7	3.2	3.1
19	4.3	4.6	6.0	6.3	5.6	8.9	4.3	4.1	3.3	2.7	3.3	3.1
20	4.6	5.5	5.5	5.6	5.3	17	4.1	4.0	3.4	2.6	16	3.1
21	4.7	8.2	5.9	5.5	5.8	9.9	4.9	3.7	3.3	2.6	32	3.1
22	5.1	31	5.8	5.5	6.1	7.5	4.8	3.8	3.2	3.8	11	3.1
23	6.2	23	6.0	5.6	6.2	6.7	4.5	3.5	3.0	5.9	7.0	3.1
24	5.5	12	5.6	5.4	5.5	6.1	4.5	3.3	3.0	3.8	5.0	3.1
25	5.0	9.0	5.7	5.5	6.0	5.7	4.4	3.3	3.9	3.4	4.7	3.1
26	4.7	7.5	5.1	6.6	5.9	5.8	3.8	3.2	3.4	3.5	4.5	3.0
27	4.3	6.5	4.9	6.0	8.0	5.6	3.4	3.2	3.3	3.3	4.5	3.0
28	5.1	5.9	5.6	5.3	6.5	5.6	3.4	4.5	3.2	2.9	4.4	3.0
29	4.8	9.2	6.4	5.6	---	5.3	3.3	6.4	3.2	2.9	4.9	3.1
30	4.7	14	5.6	5.6	---	5.7	3.4	4.4	3.0	2.9	4.4	4.7
31	9.2	---	5.5	5.1	---	5.3	---	3.5	---	2.8	5.4	---
TOTAL	157.7	246.4	211.6	172.6	199.0	213.0	137.4	145.5	130.9	94.4	184.6	101.6
MEAN	5.09	8.21	6.83	5.57	7.11	6.87	4.58	4.69	4.36	3.05	5.95	3.39
MAX	11	31	18	7.5	22	17	7.1	12	20	5.9	32	4.8
MIN	3.6	4.1	4.9	4.6	3.7	4.8	3.3	3.2	3.0	2.6	2.7	3.0

CAL YR 1985	TOTAL	1861.2	MEAN	5.10	MAX	34	MIN	2.0
WTR YR 1986	TOTAL	1994.7	MEAN	5.46	MAX	32	MIN	2.6

BEST COPY AVAILABLE

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'08", long 81°41'40", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right bank 100 ft upstream of SRP Road C, 2.0 mi east of SRP Road 2.

DRAINAGE AREA.--176 mi^2.

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--12 years, 203 ft^3/s, 15.67 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 962 ft^3/s Feb. 6, 1985, gage height, 6.25 ft; minimum daily, 90 ft^3/s Jul. 21, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 802 ft^3/s, Jun. 11, gage height, 5.96 ft; minimum daily 90 ft^3/s Jul. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122	314	329	171	163	169	153	124	116	106	101	179
2	156	375	250	169	160	165	150	121	108	104	101	160
3	175	250	211	168	158	162	148	119	111	108	107	151
4	152	234	192	167	158	161	148	120	120	111	113	145
5	162	222	189	172	174	160	147	121	147	106	160	149
6	162	176	198	167	221	159	146	120	132	105	125	172
7	141	163	189	166	251	159	144	120	118	106	204	170
8	135	156	182	163	199	157	157	125	110	111	248	146
9	134	150	178	163	173	157	209	150	108	101	166	135
10	133	150	176	172	193	158	183	133	135	96	144	133
11	140	150	175	214	396	159	157	123	618	97	134	131
12	145	171	190	201	459	161	150	126	448	113	120	128
13	148	273	397	178	266	178	148	229	225	104	129	130
14	150	271	458	169	204	303	143	243	148	98	230	123
15	141	190	276	168	195	346	141	210	133	102	356	117
16	141	173	206	164	187	215	141	157	132	108	232	119
17	142	168	194	165	181	181	139	141	138	105	148	118
18	140	161	188	165	181	171	139	133	126	100	130	116
19	138	160	181	174	177	187	138	128	123	96	127	118
20	138	167	177	179	176	336	136	128	144	93	310	117
21	137	208	176	170	173	329	141	121	141	90	668	116
22	140	579	175	153	170	215	147	119	122	118	412	114
23	159	722	176	161	172	183	138	115	115	188	189	113
24	153	431	176	160	168	176	135	113	113	187	155	112
25	142	234	173	158	167	171	134	110	114	132	145	111
26	140	210	168	171	166	165	132	108	113	131	143	112
27	137	198	168	191	176	164	131	108	113	132	139	113
28	145	189	173	169	182	160	128	117	115	119	141	112
29	145	220	184	165	---	155	124	158	112	113	154	123
30	142	318	176	177	---	154	123	146	110	109	149	144
31	186	---	170	171	---	153	---	125	---	105	176	---
TOTAL	4521	7383	6451	5311	5646	5867	4350	4211	4608	3494	5856	3927
MEAN	146	246	208	171	202	189	145	136	154	113	189	131
MAX	186	722	458	214	459	346	209	243	618	188	668	179
MIN	122	150	168	158	158	153	123	108	108	90	101	111

CAL YR 1985	TOTAL	67936	MEAN	186	MAX	870	MIN	117
WTR YR 1986	TOTAL	61625	MEAN	169	MAX	722	MIN	90

BEST COPY AVAILABLE

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20", long 81°44'42", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, near right bank on downstream side of bridge at SRP Road A, 2.0 mi south of SRP Road 2.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--11 years, 250 ft³/s, 16.72 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft³/s, May 29, 1976, gage height, 6.76 ft; minimum daily, 86 ft³/s, Jul. 21, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 780 ft³/s, Nov. 23, gage height, 5.80 ft; minimum daily, 86 ft³/s, July 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	133	331	399	191	178	182	164	125	127	107	100	217
2	169	403	355	188	173	179	162	122	114	106	101	195
3	211	382	281	185	170	177	160	119	115	108	98	180
4	182	287	242	182	168	176	159	118	121	112	101	170
5	182	288	235	187	187	175	157	171	150	105	171	171
6	195	232	244	182	242	173	155	120	145	105	139	191
7	169	202	237	177	290	173	152	120	124	106	180	206
8	157	190	223	176	250	169	161	121	112	107	277	175
9	153	183	217	173	196	169	219	153	109	98	207	157
10	152	182	211	185	225	171	217	141	133	94	160	153
11	158	181	208	230	382	171	174	125	492	93	149	151
12	167	189	221	236	467	175	162	126	540	110	127	146
13	166	281	383	201	355	192	159	232	368	101	131	148
14	173	345	487	187	234	296	153	284	184	96	211	142
15	163	263	421	183	218	387	149	261	155	101	341	133
16	158	216	271	178	208	308	146	191	149	108	345	132
17	163	207	239	178	201	214	144	161	155	102	181	132
18	159	201	228	178	200	194	144	149	143	98	147	130
19	157	195	219	186	195	201	143	140	139	93	136	131
20	156	202	211	196	194	324	141	139	156	88	226	131
21	156	241	208	187	190	397	144	131	163	86	658	129
22	158	481	203	176	186	288	158	126	137	102	556	125
23	183	764	204	174	188	216	146	122	124	185	302	123
24	183	620	204	173	183	200	142	119	119	216	188	122
25	171	368	200	171	180	195	141	115	121	150	167	121
26	163	273	192	181	179	185	138	111	118	134	165	121
27	158	255	190	211	203	182	135	111	117	141	158	123
28	168	242	195	190	198	177	132	123	120	126	164	120
29	171	261	208	176	---	171	128	169	115	114	181	127
30	165	367	203	191	---	168	125	175	111	102	176	163
31	203	---	192	190	--	168	---	139	---	104	205	---
TOTAL	5202	8832	7731	5799	6240	6553	4610	4509	4976	3498	6448	4465
MEAN	168	294	249	187	223	211	154	145	166	113	208	149
MAX	211	764	487	236	467	397	219	284	540	216	658	217
MIN	133	181	190	171	168	168	125	111	109	86	98	120

CAL YR 1985 TOTAL 77002 MEAN 211 MAX 832 MIN 115
WTR YR 1986 TOTAL 68863 MEAN 189 MAX 764 MIN 86

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01", long 81°46'04", Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft³/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Water is diverted above and below gage by Savannah River Plant with the volume diverted varying from day to day. Flow regulated by Hartwell Lake (see sta. 02187250), Richard B. Russell Lake (see sta. 02189004), by Clark Hill Lake (see sta. 02194500), and affected to some degree by Savannah River Plant operations. At times of high flow, bankfull capacity is exceeded in the intervening channel reach.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Apr. 11, 1983, gage height, 21.57 ft; minimum daily, 3,220 ft³/s Dec. 9, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,900 ft³/s Nov. 24, gage height, 14.29 ft; minimum daily, 4,760 ft³/s Sept. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5010	5960	9190	6200	7700	6330	5670	5260	6820	5140	5970	6110
2	5460	6640	12600	6900	7150	6310	5650	5210	5310	6000	5610	5400
3	13400	6900	11400	7790	6350	6000	5870	5310	5020	5910	5370	5250
4	13300	6820	10800	7240	6160	6230	6170	5250	5010	5510	5150	5920
5	13900	6320	8350	6930	5990	5950	6140	5170	5120	5400	5200	6810
6	13200	5970	7610	6240	7730	5630	6190	5300	5150	5330	5280	6590
7	9170	5810	6830	6970	8430	5530	5830	5380	5150	5210	5480	5960
8	6350	5610	6290	7630	7740	5530	5800	5320	5090	5180	6140	5490
9	5540	5460	5860	8100	6410	5390	5680	5180	5070	6120	6430	5020
10	5390	5360	5780	8150	6340	5250	5810	5240	5330	8010	6030	5040
11	5350	5340	6030	6980	7590	5230	5880	5120	5730	6910	5580	5690
12	5390	5410	6080	6370	10300	5250	6090	5070	6130	5600	5390	6680
13	5400	5480	6330	5920	11100	5360	6200	5210	6370	5070	5620	6110
14	5250	5550	6620	5920	9010	5780	5790	5400	5960	4810	7510	5240
15	5330	5500	6480	8050	7640	7410	5600	5710	5560	4770	9180	4790
16	5370	5490	6340	8940	7400	9030	5690	5640	5280	4790	7400	4760
17	5320	5460	6560	9440	6680	8740	5830	5460	5050	5410	6470	5060
18	5160	5930	6430	8940	6930	6570	5760	5150	5140	7140	5770	5300
19	5000	5950	5900	7400	7550	6130	5750	5030	5900	7740	5460	5780
20	5000	5720	5680	7550	7470	7480	5630	5040	6810	6810	5610	6070
21	5060	5860	5750	9040	6800	12800	5580	5020	6610	6030	7530	5510
22	5010	7050	5820	9360	6220	14800	5680	5220	6170	5530	9670	5140
23	5090	12600	5660	9290	6090	11400	5760	5560	6100	6260	8230	4900
24	5430	15700	5590	8980	5970	7660	5750	5160	5440	6150	6530	4960
25	5790	13400	5590	8600	5880	6590	5580	5010	6750	5540	5760	5410
26	5650	8130	5520	7190	5940	6190	5410	4850	7480	6130	5300	6050
27	5350	6730	5460	6720	6040	5970	5460	4970	6160	6260	5080	6040
28	5310	6620	5290	6610	6160	5900	5500	5330	5730	5740	6060	5370
29	5260	6620	5190	6590	---	5840	5470	7040	5440	5590	8470	5070
30	5370	6900	5120	7460	---	5870	5320	7350	5280	5700	7020	5140
31	5550	---	5360	8120	---	5870	---	6520	---	6140	6680	---
TOTAL	202160	206290	207510	235620	200770	214020	172540	167480	172160	181930	176980	166660
MEAN	6521	6876	6694	7601	7170	6904	5751	5403	5739	5869	6354	5555
MAX	13900	15700	12600	9440	11100	14800	6200	7350	7480	8010	9670	6810
MIN	5000	5340	5120	5920	5880	5230	5320	4850	5010	4770	5080	4760

CAL YR 1985	TOTAL	2463980	MEAN	6751	MAX	20500	MIN	4760
WTR YR 1986	TOTAL	2324120	MEAN	6367	MAX	15700	MIN	4760

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.5°C July 21, 1981; minimum, 4.3°C Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 26.0°C, July 15; minimum, 5.5°C, Jan. 28-30.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.0	20.0	20.5	18.5	18.0	18.0	18.5	18.0	18.0	10.5	10.0	10.0
2	21.0	21.0	21.0	19.0	18.5	18.5	18.0	16.5	17.0	10.5	9.5	10.0
3	21.0	20.5	21.0	19.0	18.5	19.0	16.5	15.0	15.5	11.5	10.5	11.0
4	21.5	20.5	21.0	19.0	17.5	18.5	15.0	13.5	14.0	11.0	10.5	11.0
5	21.5	21.5	21.5	17.5	17.0	17.0	13.5	13.0	13.0	11.0	10.5	11.0
6	21.5	20.5	21.0	17.0	16.5	16.5	13.0	12.5	13.0	10.5	9.5	10.0
7	20.5	19.5	20.0	16.5	16.0	16.5	12.5	12.0	12.5	10.0	9.5	9.5
8	19.5	19.0	19.5	17.0	16.0	16.5	12.5	12.0	12.0	9.5	8.5	9.0
9	20.0	19.0	19.5	17.0	16.0	16.5	13.0	12.0	12.5	8.5	8.0	8.5
10	20.0	19.5	19.5	17.0	16.5	16.5	13.5	12.5	13.0	8.5	8.5	8.5
11	20.5	20.0	20.0	17.5	16.5	17.0	14.0	13.0	13.5	9.0	8.0	8.5
12	21.0	20.5	20.5	18.0	17.5	17.5	15.0	14.0	14.5	9.0	8.5	9.0
13	21.5	21.0	21.0	18.5	18.0	18.0	16.0	15.0	15.5	9.5	9.0	9.0
14	22.0	21.5	21.5	18.5	18.5	18.5	15.5	13.5	14.5	9.0	8.5	9.0
15	22.5	22.0	22.0	19.0	18.5	18.5	13.5	12.0	12.5	9.0	8.5	9.0
16	22.5	22.0	22.5	19.0	18.5	19.0	12.0	11.5	11.5	9.0	8.5	9.0
17	22.5	22.0	22.0	19.5	18.5	19.0	11.0	10.5	11.0	9.5	9.0	9.5
18	22.0	21.0	21.5	19.0	18.5	19.0	11.0	10.5	11.0	10.5	10.0	10.0
19	21.5	21.0	21.5	19.5	19.0	19.0	11.5	11.0	11.0	11.0	10.5	11.0
20	21.5	21.0	21.0	19.5	19.5	19.5	11.0	10.5	11.0	11.0	10.0	10.5
21	21.5	21.0	21.5	19.5	19.5	19.5	11.0	10.5	10.5	10.5	9.5	10.0
22	21.5	20.5	21.0	19.5	18.0	18.5	10.5	9.5	10.0	10.0	9.0	9.5
23	20.5	20.5	20.5	18.0	17.0	17.5	10.5	9.5	10.0	10.5	10.0	10.5
24	20.5	20.0	20.5	17.0	16.0	16.5	11.0	10.5	10.5	10.0	10.0	10.0
25	20.5	20.0	20.5	16.0	15.5	16.0	11.0	9.5	10.5	10.0	9.0	9.5
26	20.5	20.5	20.5	17.0	16.0	16.5	9.5	9.0	9.0	9.0	8.5	9.0
27	20.5	20.0	20.0	17.5	17.0	17.5	9.0	8.5	9.0	8.5	6.5	7.5
28	20.0	19.5	20.0	18.5	17.5	18.0	8.5	8.5	8.5	6.5	5.5	6.0
29	19.5	18.5	19.0	19.0	18.5	18.5	9.5	8.5	9.0	6.0	5.5	6.0
30	18.5	17.5	18.0	19.0	18.5	18.5	9.5	9.0	9.5	6.5	5.5	6.0
31	18.0	17.5	18.0	---	---	---	10.0	9.0	9.5	7.5	6.0	7.0
MONTH	22.5	17.5	20.5	19.5	15.5	18.0	18.5	8.5	12.0	11.5	5.5	9.0

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	7.5	8.0	11.0	10.5	10.5	17.0	15.5	16.5	20.0	19.5	20.0
2	9.5	8.0	8.5	10.5	9.5	10.0	17.0	16.0	17.0	20.0	19.5	20.0
3	10.0	9.0	9.5	11.0	10.0	10.5	17.0	16.5	17.0	19.5	19.0	19.5
4	11.0	10.0	10.5	11.0	10.5	10.5	17.5	16.5	17.0	19.0	18.5	19.0
5	11.5	11.0	11.0	11.5	10.5	11.0	18.0	17.0	17.5	19.0	18.0	18.5
6	11.5	11.0	11.5	11.5	10.5	11.0	18.0	17.0	17.5	19.5	18.5	19.0
7	11.5	11.0	11.0	12.0	10.5	11.5	18.0	17.0	17.5	20.0	19.5	19.5
8	11.0	10.5	10.5	12.0	11.0	11.5	18.0	17.5	18.0	20.0	19.5	20.0
9	11.0	10.0	10.5	12.5	11.0	11.5	17.5	17.0	17.5	20.5	19.5	20.0
10	11.0	10.5	10.5	13.0	12.0	12.5	17.0	15.5	16.0	20.0	19.5	19.5
11	11.0	10.0	10.5	14.5	13.0	13.5	16.0	15.0	15.5	19.5	18.5	19.5
12	10.0	9.0	9.5	15.0	14.0	14.5	15.5	15.0	15.0	20.0	19.5	19.5
13	9.0	8.0	8.5	16.0	15.0	15.5	17.0	15.0	16.0	19.5	19.5	19.5
14	8.5	7.5	8.0	15.5	15.0	15.5	17.0	16.0	16.5	20.0	19.5	20.0
15	9.5	8.5	9.0	15.5	14.5	15.0	17.0	16.5	17.0	20.0	19.5	20.0
16	9.5	8.0	9.0	15.0	14.5	14.5	17.0	16.5	17.0	20.0	19.5	20.0
17	11.0	9.0	10.0	15.5	14.5	15.0	16.5	15.5	16.0	20.5	19.5	20.0
18	12.0	10.5	11.0	15.5	14.5	15.0	16.5	15.0	16.0	21.0	20.5	20.5
19	12.5	11.5	12.0	15.5	15.0	15.5	16.5	15.5	16.0	21.0	20.5	21.0
20	13.0	11.5	12.5	15.5	14.5	15.0	17.5	16.0	16.5	21.5	20.5	21.0
21	13.5	12.5	13.0	14.5	13.5	13.5	18.0	17.0	17.5	21.5	21.0	21.5
22	13.5	12.5	13.0	13.5	12.5	13.0	18.0	17.0	17.5	21.0	20.0	20.5
23	13.5	13.0	13.5	12.5	11.5	12.0	17.0	16.0	16.5	20.5	19.5	20.0
24	13.5	12.5	13.0	13.5	12.0	12.5	16.5	15.5	16.0	20.5	19.5	20.0
25	12.5	12.0	12.0	14.5	12.5	13.5	17.0	15.5	16.5	21.5	20.5	21.0
26	12.0	11.0	11.0	15.0	14.0	14.5	18.0	16.5	17.5	22.0	21.5	21.5
27	11.5	11.0	11.0	16.0	14.5	15.0	19.0	18.0	18.5	22.0	22.0	22.0
28	11.5	10.5	11.0	16.0	15.0	15.5	19.5	19.0	19.0	22.5	22.0	22.0
29	---	---	---	16.0	15.0	15.5	20.0	19.5	19.5	22.5	21.0	21.5
30	---	---	---	16.5	15.0	16.0	20.0	19.0	19.5	22.5	20.5	21.5
31	---	---	---	16.5	15.5	16.0	---	---	---	22.0	20.5	21.0
MONTH	13.5	7.5	10.5	16.5	9.5	13.5	20.0	15.0	17.0	22.5	18.0	20.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.5	21.0	22.0	24.5	24.0	24.0	24.0	22.5	23.5	20.0	19.5	19.5
2	22.5	21.0	21.5	25.0	24.5	24.5	23.5	22.5	23.5	20.5	20.0	20.5
3	22.5	21.5	22.0	25.0	23.0	24.0	23.5	23.0	23.5	21.5	20.5	21.0
4	22.0	21.5	22.0	23.5	23.0	23.5	23.5	23.0	23.5	22.0	21.5	21.5
5	22.0	21.5	22.0	23.5	23.0	23.0	23.5	23.0	23.5	22.5	21.5	22.0
6	22.0	21.0	21.5	23.5	23.0	23.5	23.5	23.5	23.5	22.5	22.0	22.0
7	22.0	21.0	21.5	25.0	23.5	24.0	24.0	23.0	23.5	22.5	21.5	22.0
8	22.5	21.5	22.0	24.5	24.5	24.5	24.0	23.5	24.0	23.0	22.0	22.5
9	23.5	22.5	23.0	24.5	22.5	23.5	24.0	23.5	24.0	23.0	22.5	23.0
10	24.5	23.5	23.5	23.5	21.5	22.5	24.5	23.5	24.0	23.5	23.0	23.0
11	24.0	23.5	24.0	24.0	23.0	23.5	24.5	24.0	24.5	23.5	23.0	23.5
12	24.5	23.5	24.0	24.5	23.5	24.5	25.0	24.5	24.5	23.5	22.5	23.0
13	24.0	23.0	24.0	25.5	25.0	25.0	25.5	24.5	25.0	23.0	22.0	22.5
14	24.0	22.0	23.5	25.5	25.0	25.5	24.5	23.0	24.0	23.5	22.5	23.0
15	24.0	22.5	23.0	26.0	25.0	25.5	23.0	22.5	22.5	23.5	22.5	23.0
16	23.5	23.0	23.0	25.5	23.5	24.5	24.0	22.5	23.0	23.5	23.0	23.0
17	24.5	23.5	23.5	24.5	22.0	23.0	24.5	23.5	24.0	23.5	23.0	23.5
18	24.5	24.0	24.0	23.5	22.5	23.0	25.0	24.0	24.5	23.0	23.0	23.0
19	24.0	23.0	23.5	24.0	22.0	23.0	25.0	24.5	25.0	23.0	22.0	22.5
20	23.0	21.5	22.0	24.0	23.0	23.5	25.0	24.0	24.5	22.5	21.5	22.0
21	23.0	21.0	22.0	24.5	23.0	23.5	24.0	23.0	23.5	22.5	22.0	22.5
22	23.0	21.5	22.0	25.0	24.0	24.5	23.0	22.0	22.5	23.5	22.5	23.0
23	23.0	22.0	22.5	25.0	24.0	24.5	24.5	23.0	23.5	24.0	23.0	23.5
24	23.0	22.5	22.5	24.0	22.5	23.5	24.5	23.5	24.0	24.5	24.0	24.5
25	24.0	23.0	23.5	23.0	22.5	23.0	24.5	24.5	24.5	24.5	24.0	24.0
26	[illegible]	[illegible]	22.5	23.0	22.0	22.5	25.5	24.5	25.0	24.0	23.5	23.5
27	[illegible]	21.0	22.0	23.5	22.0	22.5	25.5	25.0	25.5	24.0	23.0	23.5
28	23.5	23.0	23.0	23.5	23.0	23.0	25.5	24.0	24.5	24.0	23.5	24.0
29	24.0	23.5	23.5	24.0	23.0	23.5	24.0	22.0	22.5	24.5	24.0	24.5
30	24.0	23.5	23.5	24.5	24.0	24.0	22.0	20.5	21.0	24.5	24.0	24.5
31	---	---	---	24.5	23.5	24.0	20.5	19.5	20.0	---	---	---
MONTH	24.5	21.0	23.0	26.0	21.5	24.0	25.5	19.5	23.5	24.5	19.5	23.0
YEAR	26.0	5.5	18.0									

02197321 X-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'37", long 81°45'38", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream wingwall of culvert, 100 ft southwest of TNX-Area, 800 ft upstream from mouth, 1500 ft west of SRP Rd. A-4.7 (River Road).

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 11, 1986, gage height, 1.66 ft; minimum daily, less than 0.01 ft³/s, Nov. 20, 29, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 11, gage height, 1.66 ft; minimum daily, 0.05 ft³/s many days Mar., Jul.-Sept.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.13	.07	.07	.08	.08	.08	.11	.10	.07	.07	.12
2	.11	.13	.07	.07	.08	.08	.08	.10	.10	.07	.07	.09
3	.07	.13	.07	.07	.08	.08	.08	.11	.13	.06	.07	.06
4	.08	.08	.07	.07	.08	.08	.09	.11	.09	.05	.07	.05
5	.08	.07	.07	.07	.11	.08	.09	.11	.08	.06	.07	.05
6	.07	.07	.07	.07	.11	.08	.09	.11	.08	.07	.08	.05
7	.06	.07	.07	.08	.08	.08	.10	.11	.08	.07	.07	.05
8	.06	.07	.07	.08	.08	.08	.10	.11	.08	.07	.07	.07
9	.06	.07	.07	.09	.08	[illegible]	.11	.11	.08	.07	.07	.06
10	.06	.06	.07	.11	.11	.08	.09	.10	.13	.07	.07	.05
11	.06	.06	.07	.09	.08	.08	.08	.10	.08	.07	.06	.05
12	.06	.06	.11	.09	.08	.08	.09	.13	.07	.07	.07	.05
13	.06	.06	.11	.09	.08	.11	.09	.11	.07	.07	.07	.05
14	.06	.07	.08	.07	.08	.11	.10	.09	.07	.08	.11	.05
15	.06	.08	.08	.07	.08	.08	.11	.09	.07	.07	.07	.05
16	.06	.06	.08	.07	.08	.08	.10	.09	.07	.07	.07	.05
17	.06	.06	.08	.08	.08	.08	.11	.10	.07	.07	.07	.05
18	.06	.06	.08	.08	.08	.08	.10	.11	.07	.07	.06	.05
19	.07	.05	.08	.07	.08	.11	.10	.10	.07	.07	.07	.05
20	.06	.07	.08	.07	.08	.09	.10	.11	.06	.07	.12	.05
21	.06	.08	.07	.07	.08	.08	.11	.11	.07	.07	.07	.05
22	.07	.17	.07	.07	.08	.05	.11	.11	.07	.07	.05	.06
23	.06	.07	.07	.07	.08	.08	.11	.11	.07	.07	.05	.06
24	.06	.07	.07	.07	.08	.08	.11	.11	.08	.07	.05	.06
25	.06	.07	.07	.07	.08	.08	.11	.11	.07	.07	.05	.06
26	.06	.07	.07	.09	.08	.09	.11	.13	.07	.07	.05	.07
27	.06	.07	.07	.08	.08	.08	.11	.11	.07	.07	.06	.07
28	.07	.07	.08	.09	.08	.08	.10	.11	.07	.07	.07	.06
29	.07	.08	.07	.09	---	.08	.10	.11	.07	.07	.12	.06
30	.07	.08	.07	.08	---	.08	.11	.10	.07	.07	.17	.06
31	.13	---	.07	.08	---	.08	---	.10	---	.07	.14	---
TOTAL	2.12	2.35	2.33	2.42	2.33	2.56	2.97	3.32	2.36	2.14	2.36	1.76
MEAN	.07	.08	.07	.08	.08	.08	.10	.11	.08	.07	.08	.06
MAX	.13	.17	.11	.11	.11	.11	.11	.13	.13	.08	.17	.12
MIN	.06	.06	.07	.07	.08	.05	.08	.09	.06	.05	.05	.05

CAL YR 1985	TOTAL	24.61	MEAN	.07	MAX	.17	MIN	.01
WTR YR 1986	TOTAL	29.02	MEAN	.08	MAX	.17	MIN	.05

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02197323 D-006 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12". long 81°44'38", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of footbridge, 100 ft west of Area D, 1.0 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except for periods when discharge is above 6.8 ft³/s which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 29, 1984, gage height, 5.06 ft; minimum daily, 0.54 ft³/s, Sept. 4, 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 20, gage height, 3.57 ft; minimum daily, 0.62 ft³/s, Apr. 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	3.5	2.7	2.2	2.8	1.3	1.1	.71	1.0	2.0	2.4	2.6
2	2.8	2.6	2.7	2.2	2.7	1.3	1.1	.66	1.4	2.3	2.4	2.6
3	2.6	3.2	2.7	2.3	2.7	1.3	1.1	.65	1.8	2.4	2.4	2.6
4	2.5	2.7	2.6	2.5	2.7	1.2	1.1	.67	1.7	2.3	2.5	2.5
5	2.9	2.6	2.6	2.5	2.9	1.1	1.0	.76	1.7	2.3	2.4	2.6
6	2.5	2.5	2.6	2.5	3.3	1.0	1.1	.87	1.7	2.3	3.3	2.6
7	2.5	2.5	2.7	2.7	2.6	1.0	1.1	.90	1.7	2.3	2.5	2.6
8	2.5	2.5	2.7	3.2	2.6	1.1	1.1	.92	1.7	2.3	2.5	2.6
9	2.5	2.5	2.7	3.2	2.5	1.1	.92	.93	1.8	2.3	2.5	2.5
10	2.5	2.5	2.7	3.4	3.8	1.2	.89	.84	5.0	2.3	2.5	2.4
11	2.5	2.5	2.8	3.3	2.8	1.2	1.1	.89	4.0	2.4	2.5	2.5
12	2.5	2.6	4.7	3.3	2.0	1.2	1.5	1.3	2.6	2.4	2.6	2.6
13	2.5	2.5	5.3	3.3	1.9	1.5	1.5	1.2	2.5	2.4	2.4	2.6
14	2.4	2.6	3.0	3.3	1.9	2.1	1.2	1.1	2.4	2.5	3.9	2.6
15	2.4	2.7	2.8	3.2	1.9	1.1	.62	.99	2.4	2.4	2.3	2.5
16	2.5	2.7	2.8	3.1	1.9	1.0	.88	1.0	2.5	2.5	2.3	2.6
17	2.5	2.7	2.8	3.1	1.9	1.0	.72	1.1	2.5	2.4	2.3	2.5
18	2.5	2.7	2.9	3.1	1.9	1.1	.72	1.1	2.5	2.4	2.4	2.5
19	2.6	2.7	2.9	3.1	1.8	2.1	.70	1.1	1.4	2.5	2.4	2.5
20	2.6	2.8	2.9	3.1	1.8	1.6	.72	1.0	2.0	2.5	6.2	2.5
21	2.6	2.9	2.8	2.9	1.6	1.2	.79	.97	2.0	2.5	2.4	2.6
22	2.6	8.3	1.5	2.9	1.2	1.1	.69	.94	2.1	2.5	2.3	2.5
23	2.6	2.5	2.8	2.9	1.2	1.1	.63	.97	2.0	2.5	2.3	2.6
24	2.6	2.4	2.7	2.9	1.2	1.1	.65	1.0	2.4	2.5	2.3	2.6
25	2.3	2.7	2.7	2.9	1.1	1.1	.70	1.0	2.1	2.5	2.3	2.6
26	2.5	2.8	2.7	3.0	1.1	1.1	.73	1.1	2.1	2.4	2.3	2.6
27	2.6	3.0	2.5	2.9	1.4	1.2	.73	.96	2.1	2.4	2.4	2.6
28	2.6	3.0	2.5	2.2	1.3	1.1	.76	1.0	2.1	2.4	2.7	2.6
29	2.6	4.1	2.5	2.9	---	1.1	.72	1.2	2.1	2.5	2.4	2.5
30	2.5	3.2	2.3	3.0	---	1.1	.72	1.0	1.8	2.5	2.9	2.5
31	4.5	---	2.1	2.9	---	1.0	---	.99	---	2.4	2.6	---
TOTAL	80.4	88.5	86.7	90.0	58.5	37.7	27.29	29.82	65.1	74.3	81.6	76.7
MEAN	2.59	2.95	2.80	2.90	2.09	1.22	.91	.96	2.17	2.40	2.63	2.56
MAX	4.5	8.3	5.3	3.4	3.8	2.1	1.5	1.3	5.0	2.5	6.2	2.6
MIN	2.1	2.4	1.5	2.2	1.1	1.0	.62	.65	1.0	2.0	2.3	2.4

CAL YR 1985 TOTAL 887.68 MEAN 2.43 MAX 8.3 MIN .54
WTR YR 1986 TOTAL 796.61 MEAN 2.18 MAX 8.3 MIN .62

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02197324 D-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'07", long 81°44'34", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of pipe culvert, 60 ft southwest of Area D, 1.1 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical datum of 1929, (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jun. 29, 1984, gage height 4.41 ft; no flow several days in Jun. and Jul. 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 31, gage height, 3.10 ft; no flow several days in Jun. and Jul.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.19	.10	.08	.07	.04	.08	.08	.04	.00	.11	.11
2	.29	.12	.10	.08	.07	.04	.06	.08	.05	.02	.11	.12
3	.18	.15	.13	.09	.06	.04	.05	.08	.07	.02	.11	.11
4	.14	.11	.13	.09	.06	.04	.05	.07	.05	.02	.06	.11
5	.19	.11	.15	.09	.08	.04	.04	.07	.05	.03	.02	.11
6	.15	.11	.13	.09	.09	.04	.03	.07	.05	.03	.04	.11
7	.15	.11	.13	.09	.06	.05	.03	.07	.05	.03	.11	.12
8	.16	.12	.14	.09	.06	.05	.04	.06	.05	.03	.08	.12
9	.13	.12	.15	.10	.06	.05	.03	.06	.08	.01	.07	.13
10	.15	.12	.15	.12	.11	.04	.05	.06	.11	.00	.08	.12
11	.14	.13	.15	.10	.08	.05	.04	.07	.10	.05	.10	.12
12	.13	.14	.18	.09	.07	.05	.05	.10	.06	.05	.10	.12
13	.13	.12	.18	.09	.06	.08	.05	.08	.06	.05	.10	.13
14	.12	.12	.07	.10	.06	.08	.06	.06	.06	.06	.19	.13
15	.12	.12	.08	.10	.07	.04	.06	.06	.06	.05	.08	.14
16	.12	.13	.09	.10	.07	.04	.05	.06	.06	.06	.17	.16
17	.12	.13	.08	.10	.07	.05	.06	.06	.06	.05	.06	.20
18	.11	.13	.08	.10	.07	.05	.06	.06	.07	.04	.08	.21
19	.11	.13	.09	.09	.07	.10	.05	.06	.07	.04	.09	.21
20	.11	.15	.10	.08	.07	.08	.06	.07	.07	.03	.11	.21
21	.11	.13	.10	.07	.07	.05	.06	.08	.07	.03	.07	.17
22	.13	.29	.05	.07	.07	.07	.06	.09	.08	.03	.05	.15
23	.12	.12	.09	.07	.06	.06	.07	.10	.00	.06	.05	.14
24	.12	.12	.09	.07	.05	.06	.07	.08	.01	.08	.06	.13
25	.11	.09	.10	.07	.05	.06	.07	.08	.00	.08	.07	.13
26	.12	.07	.12	.08	.05	.05	.07	.10	.00	.08	.07	.13
27	.13	.07	.13	.09	.04	.05	.07	.08	.00	.08	.10	.13
28	.14	.07	.10	.09	.04	.06	.08	.08	.00	.08	.12	.14
29	.12	.13	.10	.11	---	.06	.09	.08	.00	.09	.11	.15
30	.13	.11	.09	.08	---	.06	.08	.05	.00	.10	.17	.15
31	.29	---	.09	.08	---	.06	---	.05	---	.10	.12	---
TOTAL	4.37	3.76	3.47	2.75	1.84	1.69	1.72	2.25	1.43	1.48	2.86	4.21
MEAN	.14	.13	.11	.09	.07	.05	.06	.07	.05	.05	.09	.14
MAX	.29	.29	.18	.12	.11	.10	.09	.10	.11	.10	.19	.21
MIN	.10	.07	.05	.07	.04	.04	.03	.05	.00	.00	.02	.11

CAL YR 1985 TOTAL 37.80 MEAN .10 MAX .29 MIN .02
WTR YR 1986 TOTAL 31.83 MEAN .09 MAX .29 MIN .00

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02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'12", long 81°45'05", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D.

DRAINAGE AREA.--0.73 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations 1.0 mi upstream.

AVERAGE DISCHARGE.--12 years, 86.4 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 224 ft³/s, June 29, 1984, gage height, 3.38 ft; minimum daily, 27 ft³/s, June 29, 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 133 ft³/s, Nov. 10, gage height, 2.67 ft; minimum daily, 79 ft³/s, May 24-26 and Jun. 3-9, 16 and 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	94	84	91	91	85	89	83	81	106	87	92
2	103	91	86	91	88	86	87	84	80	107	87	91
3	108	92	85	91	90	88	83	84	79	106	87	91
4	110	92	89	91	90	86	86	84	79	104	88	93
5	110	91	91	90	91	87	85	84	79	105	88	93
6	109	91	91	90	93	86	84	83	79	105	88	94
7	97	92	90	91	93	86	84	83	79	105	86	94
8	83	104	90	91	91	85	84	83	79	105	88	93
9	82	128	89	91	90	84	82	83	79	105	90	92
10	81	128	90	92	93	84	82	83	83	107	90	91
11	82	128	91	90	95	84	82	83	87	106	90	101
12	82	128	94	90	92	85	82	83	83	105	90	98
13	81	124	97	90	93	85	81	83	81	105	91	90
14	81	129	92	91	91	87	82	80	80	104	96	88
15	81	125	91	91	91	86	82	81	80	105	97	88
16	81	125	90	91	89	86	82	81	79	105	94	88
17	81	123	91	91	84	86	81	81	79	107	92	89
18	81	110	91	91	82	84	80	80	87	107	93	89
19	82	87	91	91	82	86	81	80	94	107	93	90
20	81	80	91	91	83	88	82	80	101	107	99	90
21	82	89	91	91	84	88	83	80	100	107	97	89
22	83	98	92	91	85	88	83	81	100	106	96	90
23	83	87	91	91	84	87	83	81	100	107	93	90
24	83	87	91	91	85	87	83	79	103	98	92	90
25	86	86	90	90	84	89	82	79	109	85	91	91
26	88	83	90	90	84	88	81	79	109	86	91	94
27	86	81	90	89	86	89	82	80	107	86	90	95
28	87	81	90	90	86	89	81	81	107	86	92	95
29	87	83	89	88	---	88	82	83	106	85	94	95
30	89	84	90	88	---	86	81	82	106	88	94	100
31	93	---	90	89	---	88	---	82	---	86	94	---
TOTAL	2745	3029	2798	2804	2470	2684	2482	2533	2695	3133	2838	2764
MEAN	88.5	101	90.3	90.5	88.2	86.6	82.7	81.7	89.8	101	91.5	92.1
MAX	110	129	97	92	95	89	89	84	109	107	99	101
MIN	81	81	84	88	82	84	80	79	79	85	86	88

CAL YR 1985	TOTAL	32466	MEAN	88.9	MAX	130	MIN	69
WTR YR 1986	TOTAL	32975	MEAN	90.3	MAX	129	MIN	79

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'57", long 81°45'55", Barnwell County, Hydrologic Unit 03060106, on left bank 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 37.5°C Jun. 3, 1985; minimum, 5.9°C Jan. 23, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 33.5°C Oct. 15, 17; minimum, 9.0°C Jan. 31.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	18.5	22.5	27.0	25.0	26.0	27.0	26.5	27.0	20.0	19.5	19.5
2	26.5	22.5	25.0	27.5	26.0	26.5	26.0	19.0	21.5	21.0	18.5	19.5
3	26.0	21.5	22.5	28.5	27.0	27.5	23.0	21.0	22.0	22.0	21.0	21.5
4	26.5	21.5	25.5	27.5	25.0	26.5	22.5	21.5	22.0	21.5	20.5	21.0
5	26.5	22.0	23.5	25.0	23.0	24.0	22.0	21.5	21.5	21.0	20.0	20.5
6	24.0	22.0	23.5	24.0	22.5	23.0	21.0	19.0	20.0	20.0	18.5	19.5
7	26.0	22.5	24.0	24.5	21.5	23.0	19.5	18.0	19.0	19.5	17.5	18.0
8	28.0	26.0	27.0	22.5	20.0	21.5	19.5	18.5	19.0	17.5	15.5	16.0
9	29.0	27.0	28.0	22.0	18.5	20.0	20.5	19.0	19.5	17.0	15.0	16.0
10	30.5	28.5	29.5	23.5	21.0	22.0	20.0	18.0	19.0	17.0	16.5	16.5
11	31.0	30.0	30.5	24.0	21.5	23.0	21.5	19.5	20.5	16.5	15.5	16.0
12	31.5	30.5	31.0	24.0	23.0	23.5	20.5	19.5	20.0	15.5	14.0	15.0
13	32.5	31.0	31.5	25.5	24.0	24.5	20.0	19.0	19.5	15.5	14.5	15.0
14	33.0	31.0	31.5	24.5	23.5	24.0	19.5	18.0	18.5	15.0	13.0	13.5
15	33.5	32.0	32.5	24.5	23.0	23.5	18.5	17.0	17.5	13.5	13.0	13.0
16	33.0	32.0	32.5	24.0	23.5	23.5	18.0	16.5	17.5	14.0	13.0	13.5
17	33.5	32.5	33.0	25.0	23.5	24.0	18.0	17.0	17.5	14.5	13.5	14.0
18	32.0	25.0	30.0	25.0	23.5	24.0	18.0	17.5	17.5	15.5	14.5	15.0
19	28.0	21.5	24.0	27.0	25.0	26.0	18.0	16.5	17.5	16.0	15.0	15.5
20	30.0	22.5	24.5	28.0	27.0	27.5	18.5	17.5	18.0	15.0	14.0	14.5
21	30.5	23.0	26.0	27.5	27.0	27.0	18.5	17.5	18.0	14.5	13.5	14.0
22	25.0	21.0	22.5	27.5	20.5	22.5	17.5	16.5	17.0	14.0	12.5	13.0
23	27.0	23.0	25.0	21.0	17.5	20.0	19.0	16.5	18.0	14.0	13.5	14.0
24	26.5	22.0	25.5	17.5	16.5	17.0	20.5	19.0	19.5	13.5	12.0	13.0
25	29.0	26.0	27.0	22.5	16.5	20.5	20.0	17.0	18.5	14.0	12.5	13.0
26	29.5	28.0	28.5	26.5	22.0	24.0	17.0	15.5	16.0	14.0	13.5	13.5
27	29.5	28.5	29.0	28.5	26.5	27.0	18.0	15.5	16.5	13.0	12.5	12.5
28	30.0	29.0	29.5	29.5	25.0	27.5	18.5	17.5	18.0	12.0	11.5	12.0
29	29.5	28.0	28.5	29.5	29.0	29.5	18.0	15.0	17.0	11.5	9.5	10.0
30	28.0	25.5	27.5	29.0	27.0	28.5	16.5	11.5	14.0	10.0	9.5	10.0
31	26.5	25.0	25.5	---	---	---	19.5	16.0	18.0	10.5	9.0	9.5
MONTH	33.5	18.5	27.5	29.5	16.5	24.0	27.0	11.5	19.0	22.0	9.0	15.0

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	10.0	11.5	15.5	15.0	15.0	24.0	23.5	24.0	29.5	26.5	28.0
2	14.0	12.5	13.5	15.0	14.5	15.0	25.0	24.0	24.0	29.5	27.0	28.0
3	15.0	13.5	14.5	16.0	15.0	15.5	25.0	24.5	24.5	28.5	26.5	27.5
4	15.5	14.5	15.0	16.5	15.5	16.0	25.5	25.0	25.0	28.5	25.0	26.5
5	16.0	15.0	15.5	16.5	15.5	16.0	26.0	25.0	25.5	27.5	25.5	26.0
6	16.0	15.5	15.5	17.0	16.0	16.5	26.0	25.5	25.5	26.5	24.0	25.5
7	15.5	15.0	15.5	18.5	16.5	17.5	26.0	25.5	26.0	26.5	25.0	25.5
8	15.5	14.5	15.0	18.5	17.0	18.0	26.5	25.5	26.0	30.0	25.0	27.5
9	15.0	14.5	14.5	17.0	16.0	16.5	27.0	25.5	26.0	29.5	27.5	28.5
10	15.0	14.5	14.5	---	---	---	26.5	24.5	25.0	28.5	27.0	28.0
11	15.0	14.0	14.5	---	---	---	26.0	23.5	24.5	28.5	26.0	27.5
12	14.0	13.0	13.5	25.5	24.5	25.0	25.0	23.5	24.5	29.5	27.0	28.0
13	13.5	12.5	13.0	25.5	23.5	24.0	26.0	23.5	24.5	29.0	27.0	28.0
14	13.0	11.5	12.5	23.5	21.5	22.5	26.5	22.5	24.5	29.5	27.5	28.5
15	14.0	13.0	13.5	23.0	21.5	22.0	26.5	25.0	25.5	29.5	27.5	26.5
16	14.5	13.5	14.0	23.5	21.5	22.5	25.5	24.0	24.5	29.5	27.5	28.5
17	15.5	14.0	14.5	23.5	21.0	22.5	25.5	22.5	24.0	29.5	28.0	29.0
18	16.5	15.5	16.0	23.5	22.0	22.5	27.0	23.5	25.0	30.0	28.0	29.0
19	17.5	16.0	17.0	23.5	22.5	23.0	26.5	24.5	25.5	29.5	29.0	29.0
20	18.5	17.5	18.0	22.5	21.0	21.5	26.5	24.5	25.5	30.0	28.5	29.0
21	19.0	18.5	18.5	21.0	16.0	18.5	28.0	26.0	27.0	29.5	28.0	29.0
22	20.5	19.0	20.0	16.5	15.0	16.0	27.0	25.5	26.0	29.5	27.0	28.0
23	20.0	19.0	19.5	17.5	15.5	16.5	25.5	24.0	25.0	28.5	26.0	27.0
24	19.5	18.5	19.0	19.5	17.0	18.0	26.0	23.0	24.5	29.0	26.0	27.5
25	19.0	17.0	18.0	21.0	19.5	20.0	26.5	23.0	25.0	31.0	28.5	29.5
26	17.0	15.5	16.0	21.5	21.0	21.0	28.0	24.5	26.5	31.0	29.5	30.0
27	16.5	16.0	16.0	23.0	22.0	22.5	29.5	26.0	27.5	31.0	30.0	30.5
28	16.0	15.5	16.0	23.0	22.5	22.5	29.5	27.0	28.0	31.5	29.5	30.5
29	---	---	---	23.0	22.5	23.0	29.5	26.5	28.0	31.0	30.0	30.5
30	---	---	---	23.5	22.5	23.0	30.0	26.5	28.0	31.0	29.0	30.0
31	---	---	---	24.0	23.0	23.5	---	---	---	31.0	29.5	30.5
MONTH	20.5	10.0	15.5	25.5	14.5	20.0	30.0	22.5	25.5	31.5	24.0	28.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.5	29.5	30.5	29.0	28.0	28.5	31.0	30.0	30.5	26.0	25.0	25.5
2	31.5	30.5	31.0	29.5	28.0	29.0	31.0	30.0	30.5	26.5	25.5	25.5
3	31.0	30.0	30.5	29.0	28.0	28.5	30.5	29.0	30.0	27.0	26.0	26.5
4	30.5	29.5	30.0	28.0	27.0	27.5	30.0	28.5	29.5	27.0	26.5	27.0
5	31.5	30.0	30.5	27.5	26.5	27.0	30.0	28.5	29.0	27.5	27.0	27.0
6	31.5	29.5	30.5	28.0	26.5	27.0	30.0	28.5	29.5	27.5	27.0	27.5
7	32.0	30.0	31.0	29.0	27.0	28.0	30.0	28.0	29.0	27.5	27.0	27.0
8	32.0	30.5	31.0	29.0	27.5	28.5	29.0	28.5	29.0	28.0	26.5	27.5
9	33.0	31.0	32.0	29.5	28.0	28.5	29.0	27.5	28.5	28.0	27.5	28.0
10	33.5	31.0	32.0	29.0	28.0	28.5	30.0	27.5	28.5	29.0	28.0	28.5
11	32.0	30.0	31.0	28.5	27.5	27.5	30.0	28.5	29.0	30.0	29.0	29.5
12	32.5	30.5	31.5	28.5	27.0	27.5	30.5	28.5	29.5	30.0	29.5	30.0
13	33.0	31.5	32.0	29.0	27.5	28.0	30.0	29.5	30.0	30.0	29.5	30.0
14	32.5	31.0	31.5	30.5	28.0	29.0	---	---	---	30.5	29.5	30.0
15	32.5	31.5	32.0	30.5	28.5	29.5	---	---	---	30.0	29.0	29.5
16	32.5	31.0	32.0	31.5	29.5	30.5	---	---	---	29.5	28.5	29.0
17	33.5	31.0	32.0	31.5	29.5	30.5	---	---	---	29.5	29.0	29.0
18	33.0	31.5	32.5	30.5	29.5	30.0	---	---	---	29.5	28.5	29.0
19	33.0	30.5	31.5	30.0	28.5	29.5	---	---	---	29.5	28.5	29.0
20	30.5	28.5	29.0	29.5	28.5	29.0	---	---	---	29.0	28.0	28.5
21	30.0	29.0	29.5	29.0	28.5	29.0	25.5	25.0	25.5	29.5	28.0	28.5
22	29.5	28.5	29.0	29.5	28.0	28.5	27.0	26.0	26.5	29.5	28.5	29.0
23	30.0	28.5	29.5	30.0	28.0	29.0	27.0	25.0	26.0	30.0	29.0	29.5
24	30.0	28.5	29.5	30.0	29.0	29.5	27.0	25.0	26.0	31.0	29.0	30.0
25	---	---	---	29.0	28.0	28.5	29.0	25.5	26.5	31.0	29.5	30.5
26	29.5	28.0	29.0	29.0	27.5	28.0	31.0	26.5	28.5	30.5	29.5	30.0
27	29.5	27.5	28.5	28.0	27.0	27.5	31.5	30.0	30.5	30.5	29.5	30.0
28	30.0	29.0	29.5	30.0	27.5	28.5	31.0	30.0	30.5	30.5	29.5	30.0
29	29.5	29.0	29.5	31.0	29.5	30.0	29.5	27.0	28.0	31.0	29.5	30.5
30	29.0	28.0	28.5	31.5	30.0	30.5	27.0	25.0	26.0	30.5	29.5	30.0
31	---	---	---	31.5	30.0	31.0	25.5	25.0	25.0	---	---	---
MONTH	33.5	27.5	30.5	31.5	26.5	29.0	31.5	25.0	28.5	31.0	25.0	28.5
YEAR	33.5	9.0	24.0									

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC

LOCATION.--Lat 33°08'52", long 81°45'01", Barnwell County, Hydrologic Unit 03060106, on right bank at confluence with Savannah River, 7.6 mi downstream from Upper Three Runs, 9.0 mi upstream from Steel Creek and at mile 150.6.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor and Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 46.8°C, Aug. 22, 1983; minimum, 1.5°C, Jan. 28, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 34.0°C, Jul. 17; minimum, 1.5°C, Jan. 28.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.5	22.0	23.0	21.5	19.5	20.0	---	---	---	12.0	9.0	10.0
2	25.5	23.5	24.0	21.0	19.5	20.0	---	---	---	12.0	9.0	10.0
3	24.5	21.0	22.0	20.0	18.5	19.0	---	---	---	14.0	11.0	12.0
4	23.0	21.5	22.0	20.0	16.0	18.5	---	---	---	14.0	11.0	12.0
5	22.5	21.0	22.0	16.0	12.5	14.0	---	---	---	11.5	10.5	11.0
6	22.0	20.0	21.0	17.5	11.5	14.5	---	---	---	11.0	7.0	8.5
7	21.0	17.0	19.0	17.5	12.0	15.0	---	---	---	10.0	8.0	8.5
8	20.5	17.5	18.5	17.0	12.0	15.5	---	---	---	10.0	6.5	7.5
9	24.0	18.0	20.0	16.5	12.5	14.0	---	---	---	7.5	4.5	5.5
10	23.5	20.5	21.5	18.5	14.5	16.0	---	---	---	8.0	6.5	7.0
11	23.5	22.5	23.0	20.0	16.5	18.0	15.5	12.5	14.0	10.0	8.0	8.5
12	24.5	20.5	22.0	20.0	18.5	19.0	16.0	14.5	15.0	9.5	6.5	8.0
13	26.5	22.5	23.5	21.5	19.0	20.0	17.5	16.0	16.5	9.5	7.5	8.5
14	26.5	22.5	24.0	22.0	19.5	20.5	17.0	11.0	13.5	9.0	6.5	7.5
15	26.0	23.0	24.0	22.0	18.5	20.5	10.5	7.5	8.5	9.0	7.0	8.0
16	26.0	23.0	24.0	21.0	18.0	20.0	9.0	6.0	7.0	10.5	7.5	8.5
17	23.5	22.0	23.0	22.5	19.5	20.5	9.0	6.5	7.5	11.5	9.5	10.5
18	25.0	21.0	22.5	22.5	19.5	21.0	9.5	7.0	8.0	13.0	11.0	11.5
19	24.5	19.5	22.5	---	---	---	9.5	7.5	8.0	13.5	12.5	13.0
20	24.5	21.5	23.5	---	---	---	8.5	5.5	7.0	12.0	9.0	10.5
21	25.0	20.0	23.0	---	---	---	8.0	5.5	6.5	11.5	8.5	10.0
22	24.0	19.0	22.0	20.5	17.0	18.0	7.0	4.5	5.5	13.0	9.5	11.0
23	21.5	20.0	20.0	17.0	15.0	16.5	9.5	5.5	7.0	13.0	11.5	12.5
24	22.5	20.0	21.0	17.0	15.5	16.5	13.0	9.0	10.5	11.0	8.5	9.5
25	23.0	18.0	20.5	16.5	12.0	15.0	13.0	8.0	10.0	9.5	8.5	9.0
26	23.0	17.0	19.0	19.5	13.5	17.0	8.0	3.0	4.5	9.5	9.0	9.5
27	20.0	18.0	19.5	19.5	17.0	18.0	7.5	3.5	4.5	9.0	5.0	6.5
28	21.5	19.5	20.0	---	---	---	9.0	7.0	8.0	6.0	1.5	2.5
29	21.0	17.0	18.5	---	---	---	11.0	9.0	9.5	7.5	3.0	4.5
30	17.0	15.5	16.0	---	---	---	11.0	7.5	8.5	9.5	6.5	7.5
31	19.5	16.5	17.5	---	---	---	9.0	6.5	7.5	10.0	6.5	8.0
MONTH	26.5	15.5	21.5	22.5	11.5	18.0	17.5	3.0	9.0	14.0	1.5	9.0

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	7.5	9.0	13.0	9.5	10.5	22.0	16.5	19.5	23.5	21.0	22.0
2	14.0	9.5	11.0	11.5	7.0	9.0	22.5	17.5	20.0	23.5	21.0	22.5
3	15.0	12.0	13.0	15.0	8.5	11.0	23.0	19.0	20.5	24.0	20.5	21.5
4	16.0	13.0	14.0	15.0	10.5	11.5	25.0	19.5	22.0	22.0	19.0	20.0
5	15.5	14.0	14.5	14.0	8.5	10.5	26.0	20.5	23.0	23.5	19.0	20.5
6	16.0	14.5	15.0	14.0	9.5	11.5	26.0	21.5	23.5	25.5	21.5	23.0
7	16.0	14.0	15.0	15.0	10.0	11.5	25.5	21.5	23.5	26.0	23.5	24.5
8	15.5	12.0	13.0	14.5	10.5	12.0	25.0	20.5	22.5	27.0	22.5	24.0
9	14.0	11.0	12.0	16.5	9.5	12.5	22.0	19.0	20.5	27.0	23.5	25.0
10	14.0	13.0	13.5	17.0	13.5	15.0	20.0	15.5	17.5	26.5	22.5	24.0
11	13.5	12.5	13.5	20.0	16.0	17.5	21.0	15.0	17.5	24.0	20.5	22.0
12	12.0	9.5	10.5	22.0	17.0	19.0	20.0	16.0	18.0	25.5	22.0	23.5
13	11.5	7.5	8.5	21.5	18.5	19.5	24.0	17.0	19.5	25.5	22.0	23.5
14	10.5	6.0	8.0	19.5	17.0	17.5	23.5	18.5	20.5	24.5	22.0	23.0
15	13.0	9.0	10.5	19.0	15.0	16.5	22.0	18.0	20.0	24.5	22.0	23.0
16	13.5	9.0	10.5	18.5	14.5	16.0	21.0	17.0	18.5	25.0	22.5	23.5
17	16.5	11.0	13.0	18.0	14.5	16.5	20.0	15.0	17.0	26.5	23.5	25.0
18	18.5	14.5	16.0	21.0	16.0	18.0	22.0	15.0	17.5	27.0	24.0	25.5
19	18.0	15.5	16.5	20.0	18.0	18.5	23.0	17.0	19.5	27.0	24.0	25.0
20	20.0	15.5	17.0	18.0	15.0	16.5	22.5	17.0	19.5	26.5	23.0	24.5
21	19.5	16.5	18.0	14.5	13.0	13.5	23.5	18.5	20.5	26.5	23.0	24.5
22	20.0	17.5	18.5	13.0	12.0	13.0	22.5	17.5	19.5	26.0	21.5	23.5
23	19.5	17.0	18.0	15.0	10.0	12.0	20.5	15.0	17.0	25.5	22.0	23.5
24	18.5	14.0	15.5	18.5	11.5	14.0	19.5	16.0	17.5	27.0	23.0	24.5
25	16.5	12.5	14.0	19.0	14.0	16.5	20.5	17.0	18.5	28.0	25.0	26.5
26	15.0	9.5	11.5	19.5	15.5	17.5	22.0	19.0	20.0	28.5	26.0	27.0
27	14.5	11.0	12.5	20.0	16.5	18.0	23.5	20.5	21.5	28.0	25.5	26.5
28	13.5	10.5	12.0	21.0	16.0	18.0	24.0	22.0	22.5	27.0	25.0	26.0
29	---	---	---	20.5	15.0	17.5	23.5	21.0	22.0	27.5	24.0	25.5
30	---	---	---	21.5	15.5	18.0	23.5	20.5	22.0	25.5	24.0	25.0
31	---	---	---	22.5	16.5	19.0	---	---	---	25.5	23.0	24.0
MONTH	20.0	6.0	13.5	22.5	7.0	15.0	26.0	15.0	20.0	28.5	19.0	24.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	22.5	23.0	---	---	---	27.0	26.0	26.5	23.0	20.5	21.0
2	28.0	23.5	25.5	---	---	---	29.0	26.5	27.5	23.5	22.0	23.0
3	28.5	25.5	27.0	---	---	---	29.5	26.5	28.0	24.5	22.5	23.0
4	26.0	24.5	25.0	---	---	---	30.0	28.0	29.0	24.5	23.5	24.0
5	27.0	24.5	25.5	---	---	---	29.0	26.5	27.5	25.0	23.5	24.5
6	28.0	26.0	27.0	---	---	---	29.5	27.5	28.5	25.5	23.5	24.5
7	29.5	27.0	28.0	---	---	---	---	---	---	26.0	24.5	25.0
8	30.0	27.5	28.5	---	---	---	---	---	---	26.5	24.0	25.0
9	30.5	27.5	28.5	---	---	---	---	---	---	26.5	24.5	25.0
10	30.5	27.5	28.5	---	---	---	---	---	---	25.5	23.5	24.5
11	---	---	---	---	---	---	---	---	---	26.5	24.0	25.0
12	---	---	---	---	---	---	---	---	---	27.0	25.0	26.0
13	---	---	---	---	---	---	28.0	27.5	27.5	26.5	24.5	25.0
14	---	---	---	---	---	---	27.5	25.5	26.0	27.0	24.5	25.5
15	---	---	---	---	---	---	26.0	25.5	26.0	26.0	23.5	24.5
16	---	---	---	33.0	29.0	31.0	27.5	26.0	27.0	25.0	24.0	24.5
17	---	---	---	34.0	30.0	31.5	29.5	28.0	28.5	25.5	24.0	24.5
18	28.0	26.5	27.0	30.5	27.0	28.5	31.0	27.5	29.5	24.0	22.5	23.0
19	28.0	26.0	27.0	27.5	26.0	26.5	30.0	27.0	28.5	24.5	23.0	23.5
20	27.0	25.0	26.0	27.5	26.0	26.5	28.0	26.0	26.5	25.0	24.0	24.5
21	25.0	24.0	24.5	28.0	27.0	27.5	25.5	23.5	24.5	26.5	24.0	25.0
22	28.0	24.5	26.0	32.5	28.0	30.5	27.5	24.0	25.0	27.0	25.5	26.0
23	29.5	26.0	27.5	33.0	29.5	30.5	29.0	25.5	27.0	27.0	25.0	26.0
24	30.0	27.0	28.0	31.5	29.5	30.0	31.5	27.0	28.5	27.5	25.5	26.0
25	29.0	25.5	27.0	31.5	29.0	30.0	31.0	27.0	28.5	27.5	25.5	26.5
26	25.5	24.0	24.5	31.0	26.0	28.5	29.0	26.0	27.5	27.5	25.5	26.5
27	24.0	23.5	23.5	28.0	25.5	27.0	29.5	25.5	27.5	26.5	25.5	26.0
28	---	---	---	29.5	26.5	28.0	28.5	25.5	27.0	26.5	25.5	26.0
29	---	---	---	31.0	26.5	28.5	25.5	22.0	23.5	26.5	25.5	26.0
30	---	---	---	31.0	27.5	29.0	22.0	19.5	20.5	27.0	25.5	26.0
31	---	---	---	28.5	26.5	27.5	20.5	19.5	20.0	---	---	---
MONTH	30.5	22.5	26.5	34.0	25.5	29.0	31.5	19.5	26.5	27.5	20.5	25.0
YEAR	34.0	1.5	19.5									

02197330 SITE NO. 1 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'00", long 81°39'00", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H-Area.

DRAINAGE AREA.--0.13 mi².

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except those for periods when discharge was over 20 ft³/s, May 22, 29, May 12, Jun. 10, 19, Aug. 4, 19, 20, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--14 years, 1.38 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft³/s, Sept. 6, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 10, gage height, 5.93 ft; minimum daily, 0.50 ft³/s, Oct. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.95	1.3	.98	1.0	.86	1.4	1.4	1.0	1.1	1.4	.92	1.2
2	1.5	1.1	.99	1.1	1.1	1.3	1.4	1.1	.96	1.5	1.2	.90
3	1.0	1.7	1.4	1.1	1.0	1.1	1.6	1.5	.91	1.2	1.1	1.4
4	.96	1.3	1.7	.74	1.2	1.2	1.4	1.2	.92	1.2	1.4	1.3
5	.92	.86	1.3	1.1	1.3	1.1	1.4	1.3	1.2	.86	1.1	1.2
6	.76	.89	1.3	.98	2.0	.97	1.8	1.1	.99	1.1	2.2	.73
7	.79	.90	1.3	1.4	1.3	.96	1.4	1.5	.96	.80	1.7	.98
8	.82	.89	1.3	.95	1.1	1.0	1.8	1.7	1.0	1.1	1.4	.75
9	.77	1.3	1.4	1.3	.93	1.4	1.4	1.0	1.1	1.1	.95	.81
10	.75	1.3	1.3	1.1	4.0	.84	1.6	1.4	2.8	1.0	1.3	1.3
11	.61	1.6	1.4	1.1	2.0	1.0	1.4	.98	1.8	1.2	1.2	.88
12	.56	1.6	2.6	.85	1.5	.86	1.5	1.4	1.2	1.0	1.0	.95
13	.52	1.2	3.4	1.0	1.1	1.6	1.6	1.4	1.1	.95	1.4	.90
14	.53	1.3	.81	1.1	1.1	2.0	1.1	1.4	1.0	1.0	2.5	.68
15	.55	1.1	1.1	1.0	1.2	1.1	1.1	1.0	1.0	.93	1.2	1.1
16	.60	1.2	.78	.78	1.2	.67	1.4	1.4	1.3	.85	1.6	1.0
17	.54	.93	1.1	1.0	.82	.98	1.1	1.1	.94	.92	1.1	.99
18	.57	1.0	1.1	.97	.88	.69	1.0	1.0	1.2	1.3	1.2	.98
19	.52	1.1	1.1	1.2	1.0	1.6	1.1	1.4	1.2	.99	1.8	.95
20	.50	1.1	.98	1.0	.93	1.5	1.2	.99	1.2	.87	4.3	1.3
21	.56	1.7	1.2	1.1	.94	.71	1.3	1.5	1.3	1.1	1.7	.70
22	.65	5.4	.79	1.1	1.3	.98	1.2	1.2	1.1	1.5	1.1	1.4
23	.62	1.2	1.0	1.1	.75	.74	1.1	1.5	.89	.94	1.3	.96
24	.64	1.4	1.2	.80	1.4	1.2	1.1	1.1	1.1	.57	1.0	1.1
25	.63	1.1	.89	1.4	1.1	1.6	1.1	.99	.90	.69	1.2	1.1
26	.60	1.5	1.1	1.2	1.5	1.2	.78	1.1	.98	.90	.66	1.0
27	.51	1.6	.96	1.2	1.4	1.5	1.1	1.0	1.1	.83	1.0	1.1
28	.62	.97	.92	1.5	1.4	1.7	1.1	1.3	1.0	.62	1.2	1.1
29	.69	2.1	1.5	1.2	---	1.3	1.4	.62	.97	1.1	1.2	1.3
30	.75	1.5	1.0	1.2	---	1.3	1.3	1.2	.86	.89	1.1	.94
31	2.2	---	.66	1.5	---	1.4	---	.92	---	.99	.97	---
TOTAL	23.19	42.14	38.56	34.02	36.31	36.90	39.18	37.30	34.08	31.40	43.00	31.00
MEAN	.75	1.40	1.24	1.10	1.30	1.19	1.31	1.20	1.14	1.01	1.39	1.03
MAX	2.2	5.4	3.4	1.5	4.0	2.0	1.8	1.7	2.8	1.5	4.3	1.4
MIN	.50	.86	.66	.74	.75	.67	.78	.62	.86	.57	.66	.68

CAL YR 1985 TOTAL 395.67 MEAN 1.08 MAX 6.7 MIN .18
WTR YR 1986 TOTAL 427.08 MEAN 1.17 MAX 5.4 MIN .50

021973305 HP-52 OUTFALL AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'56", long 81°38'26", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream culvert wingwall, 400 ft south of SRP Road E, and 700 ft south of H-Area.

PERIOD OF RECORD.--June 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Jun. 10 to Jul. 1. Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 10, 1986, gage height, undetermined; minimum daily, 0.35 ft³/s, Nov. 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 10, gage height, undetermined; minimum daily, 0.35 ft³/s, Nov. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.81	.58	.82	1.3	1.8	2.0	.77	1.3	1.4	.67	1.0	1.4
2	1.5	.40	.78	1.0	.89	1.3	.66	1.2	1.7	.71	.85	1.3
3	.77	.54	1.0	.89	.79	1.4	.67	1.2	1.7	.72	.96	1.3
4	.60	.41	.87	1.2	.97	1.4	.66	1.2	1.6	.72	1.1	1.4
5	.59	.35	.86	1.5	1.2	1.2	.62	1.2	1.4	.72	.89	1.4
6	.51	.37	.83	1.4	1.2	.99	.61	1.2	1.6	.72	.78	1.2
7	.75	.38	1.7	1.4	.92	.91	.77	1.8	1.7	.72	1.0	1.2
8	.77	.38	1.5	1.5	.89	1.1	.95	1.5	1.7	.72	.96	1.4
9	.77	.71	.77	1.4	.84	1.2	1.1	1.4	1.8	.72	.87	1.4
10	.71	.46	1.1	1.6	1.8	1.1	1.1	1.4	1.9	.72	.86	1.6
11	.79	.46	1.6	.97	1.1	1.4	1.3	2.0	2.3	.72	.92	1.6
12	.60	.60	2.1	1.5	1.5	.96	1.2	1.7	.90	.72	.98	1.4
13	.60	.46	2.5	1.2	1.5	1.4	1.3	1.8	.90	.72	1.2	1.4
14	.45	.51	1.5	2.0	1.0	1.4	1.2	1.4	.90	.72	1.4	1.4
15	.44	.50	1.6	1.0	.72	1.3	1.2	1.3	.95	.75	.97	1.4
16	.48	.48	1.6	.79	.76	1.1	1.4	1.2	1.0	.79	.90	1.4
17	.46	.55	1.6	1.7	1.1	1.1	1.7	1.0	.70	.77	.84	1.3
18	.61	.56	1.1	1.6	1.3	1.1	1.4	1.2	.50	.81	.73	1.5
19	.50	.57	1.1	1.5	.91	1.8	1.4	1.3	.90	.87	1.3	1.4
20	.48	.67	1.0	1.3	.74	1.3	1.5	1.2	.90	.89	3.8	1.3
21	.46	1.4	.80	1.4	.66	1.1	1.6	1.1	.60	.92	1.6	1.3
22	.51	1.4	.96	1.4	.70	1.2	1.5	1.1	.62	.86	1.4	1.4
23	.40	.54	1.0	1.3	.79	1.2	2.0	1.6	.60	.82	1.3	1.3
24	.39	.54	1.2	1.4	1.1	1.2	1.5	1.4	.55	.66	1.3	1.5
25	.48	.65	1.3	1.5	1.2	1.0	1.2	1.1	.70	.86	1.2	1.4
26	.39	.56	1.5	1.5	1.3	.79	1.7	1.1	.95	.81	1.2	1.4
27	.41	.61	1.5	1.8	1.7	.82	1.9	1.2	.70	.80	1.7	1.4
28	.43	.62	1.5	1.6	1.3	.75	1.6	1.3	.50	.89	1.6	1.3
29	.39	1.0	1.8	.97	---	.85	1.5	1.4	.52	.78	1.3	1.6
30	.40	1.0	1.3	.74	---	.74	1.8	1.4	.60	.81	1.6	1.4
31	1.0	---	.91	.97	---	.84	---	2.8	---	1.4	1.5	---
TOTAL	18.45	18.26	39.70	41.33	30.68	35.95	37.81	43.0	32.79	24.71	38.01	41.7
MEAN	.60	.61	1.28	1.33	1.10	1.16	1.26	1.39	1.09	.80	1.23	1.39
MAX	1.5	1.4	2.5	2.0	1.8	2.0	2.0	2.8	2.3	1.4	3.8	1.6
MIN	.39	.35	.77	.74	.66	.74	.61	1.0	.50	.67	.73	1.2

CAL YR 1985	TOTAL	272.23	MEAN	.75	MAX	2.5	MIN	.35
WTR YR 1986	TOTAL	402.39	MEAN	1.10	MAX	3.8	MIN	.35

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02197331 H-008 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'54'', long 81°38'46'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, 0.3 mi east of intersection of SRP Roads E and 4, 300 ft south of SRP Road E, and 100 ft west of SRP Road E-1.

PERIOD OF RECORD.--April 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those for periods when discharge was over 7.0 ft^3/s, which are undefined.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 10, 1986, gage height, 2.98 ft; minimum daily, 0.39 ft^3/s, Oct. 23, 26, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 10, gage height, 2.98 ft; minimum daily, 0.39 ft^3/s, Oct. 23, 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.86	.83	1.3	1.8	2.4	2.4	1.1	1.4	1.4	.48	1.2	1.4
2	1.6	.59	1.1	1.5	1.4	1.8	1.1	1.3	1.6	.89	.91	1.3
3	.77	.77	1.2	1.1	1.4	1.8	1.1	1.1	1.6	.82	1.1	1.4
4	.51	.59	.87	1.5	1.5	1.7	1.1	1.1	1.4	.90	1.3	1.5
5	.52	.47	.96	1.8	1.9	1.4	1.0	1.2	1.3	.84	.80	1.5
6	.44	.51	.91	1.7	2.1	.95	.96	1.2	1.5	.88	.97	1.3
7	.85	.52	1.8	1.6	1.4	.87	1.3	1.9	1.7	.97	1.3	1.3
8	.87	.49	1.9	1.8	1.1	1.2	1.4	1.5	1.5	.98	1.1	1.4
9	.89	1.1	1.0	1.8	1.1	1.4	1.3	1.4	1.9	1.3	.99	1.5
10	.76	.61	1.3	2.3	2.9	1.4	1.2	1.4	3.4	1.4	.97	1.7
11	.87	.61	1.9	1.7	2.7	1.8	1.4	2.0	2.4	1.3	1.1	1.7
12	.58	.85	3.1	1.9	2.0	1.2	1.4	1.6	.92	1.3	1.0	1.5
13	.56	.64	5.7	1.7	1.9	2.0	1.5	2.0	.90	1.4	1.4	1.5
14	.41	.63	2.3	2.5	1.4	3.0	1.4	1.8	.96	1.5	2.0	1.5
15	.42	.61	2.0	1.3	1.0	1.8	1.3	1.4	1.0	1.5	1.3	1.5
16	.52	.60	1.8	1.1	1.0	1.5	1.6	1.4	.97	1.4	1.0	1.5
17	.46	.65	1.9	2.3	1.6	1.5	1.8	1.1	.66	1.4	1.0	1.4
18	.68	.69	1.6	2.1	1.7	1.5	1.4	1.3	.51	1.4	.88	1.5
19	.55	.66	1.6	2.0	1.1	2.2	1.4	1.5	.77	1.4	1.3	1.5
20	.54	.80	1.3	1.7	1.2	4.6	1.5	1.3	.84	1.5	5.3	1.4
21	.49	1.6	.99	1.7	.99	1.8	1.6	1.2	.60	1.8	2.7	1.4
22	.52	4.8	1.2	1.6	.99	1.6	1.4	1.3	.64	1.6	1.5	1.4
23	.39	1.3	1.2	1.7	1.1	1.6	2.1	2.1	.62	.99	1.4	1.4
24	.40	1.1	1.4	1.8	1.4	1.7	1.4	1.7	.56	1.2	1.3	1.6
25	.56	1.0	1.6	1.8	1.5	1.5	1.2	1.4	.80	1.1	1.3	1.5
26	.39	.84	1.9	2.1	1.5	.99	1.8	1.4	.91	.90	1.2	1.4
27	.46	.85	2.5	2.2	2.4	1.1	2.0	1.6	.66	.89	1.5	1.5
28	.50	.86	2.4	3.1	1.6	.90	1.7	1.5	.49	1.0	1.5	1.3
29	.41	1.7	2.6	2.1	---	1.1	1.6	1.4	.53	.83	1.3	1.7
30	.47	2.3	1.8	1.5	---	1.0	1.4	1.2	.58	.89	1.6	1.6
31	1.1	---	1.3	1.8	---	1.2	---	2.3	---	1.7	1.5	---
TOTAL	19.35	29.57	54.43	56.6	44.28	50.51	42.46	46.0	33.62	36.46	43.72	44.1
MEAN	.62	.99	1.76	1.83	1.58	1.63	1.42	1.48	1.12	1.18	1.41	1.47
MAX	1.6	4.8	5.7	3.1	2.9	4.6	2.1	2.3	3.4	1.8	5.3	1.7
MIN	.39	.47	.87	1.1	.99	.87	.96	1.1	.49	.48	.80	1.3

CAL YR 1985 TOTAL 335.43 MEAN .92 MAX 5.7 MIN .39
WTR YR 1986 TOTAL 501.10 MEAN 1.37 MAX 5.7 MIN .39

BEST COPY AVAILABLE

02197332 SITE NO. 2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on woods road 300 ft south of SRP Road E and 2,700 ft southwest of H-Area.

DRAINAGE AREA.--0.30 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 250 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except those for periods when discharge was over 16 ft³/s, which are undefined and periods of doubtful of missing gage-height record, Oct. 1 to Nov. 5, Nov. 9 to Dec. 3, Feb. 7 to Mar. 5, Jun. 10 to Jul. 1, Jul. 20 to Aug. 5, Aug. 21 to Sept. 2, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--14 years, 1.62 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jul. 27, 1974, gage height, 9.61 ft; minimum daily, 0.24 ft³/s, Dec. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 10, gage height, 7.54 ft; minimum daily, 0.47 ft³/s Oct. 23, 26, Nov. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.96	1.0	1.5	1.9	2.3	2.5	1.2	1.4	1.4	.95	1.3	1.5
2	1.8	.70	1.4	1.7	1.6	1.9	1.2	1.3	1.6	1.0	1.1	1.5
3	.85	.84	1.5	1.4	1.6	1.9	1.2	1.2	1.6	1.0	1.2	1.7
4	.63	.60	1.0	1.7	1.6	1.8	1.2	1.2	1.5	1.2	1.4	1.7
5	.60	.55	1.2	1.9	2.0	1.5	1.1	1.3	1.4	1.0	1.0	1.8
6	.50	.60	1.2	1.8	2.1	1.1	1.0	1.3	1.5	.99	1.4	1.6
7	.96	.61	1.9	1.8	1.7	.98	1.1	1.9	1.7	1.1	1.7	1.6
8	.98	.47	2.0	1.9	1.4	1.3	1.2	1.8	1.6	.98	1.6	1.7
9	1.0	1.2	1.3	1.9	1.4	1.5	1.6	1.6	1.9	1.3	1.4	1.7
10	.83	.70	1.5	2.2	3.0	1.5	1.5	1.5	4.0	1.2	1.4	1.9
11	.98	.70	2.0	1.8	3.0	1.8	1.7	1.9	2.5	1.2	1.5	2.0
12	.70	1.0	2.9	2.0	2.3	1.4	1.6	1.7	1.3	1.3	1.5	1.8
13	.69	.80	4.4	1.7	2.1	2.1	1.7	2.2	1.3	1.3	2.1	1.8
14	.50	.80	2.3	2.3	1.6	3.1	1.7	1.8	1.4	1.3	3.3	1.7
15	.50	.75	2.1	1.4	1.3	2.0	1.6	1.6	1.3	1.3	1.9	1.7
16	.64	.70	1.9	1.3	1.3	1.8	1.7	1.5	1.4	1.2	1.7	1.7
17	.52	.80	2.0	2.3	1.6	1.6	1.8	1.3	1.3	1.2	1.6	1.6
18	.80	.80	1.8	2.1	2.0	1.5	1.5	1.5	.90	1.4	1.4	1.8
19	.67	.80	1.7	2.1	1.4	2.2	1.5	1.6	1.0	1.4	2.0	1.7
20	.65	.90	1.5	1.9	1.4	3.9	1.6	1.5	1.1	1.6	6.9	1.6
21	.60	1.9	1.2	1.8	1.3	2.1	1.7	1.4	.95	1.9	3.5	1.6
22	.63	7.8	1.4	1.8	1.3	2.0	1.6	1.5	1.0	1.8	1.7	1.6
23	.47	1.4	1.5	1.8	1.6	1.9	2.0	1.9	.95	1.2	1.6	1.6
24	.49	1.3	1.5	1.9	1.6	1.8	1.7	1.7	.90	1.3	1.6	1.8
25	.64	1.2	1.7	1.9	1.7	1.5	1.4	1.4	1.1	1.2	1.5	1.7
26	.47	.96	1.9	2.1	1.7	1.2	1.9	1.4	1.2	1.2	1.5	1.6
27	.51	.98	2.3	2.2	2.7	1.2	1.9	1.5	1.3	1.1	1.7	1.7
28	.60	.98	2.3	2.7	1.8	1.2	1.7	1.6	.90	1.3	1.7	1.6
29	.50	2.0	2.3	2.1	---	1.3	1.6	1.5	1.0	1.0	1.5	2.0
30	.54	2.5	1.9	1.6	---	1.3	1.6	1.3	1.0	1.0	1.7	1.8
31	1.8	---	1.5	1.8	---	1.3	---	2.1	---	1.5	1.6	---
TOTAL	23.01	36.34	56.6	58.8	50.4	54.18	45.0	48.4	42.00	38.42	57.0	51.1
MEAN	.74	1.21	1.83	1.90	1.80	1.75	1.53	1.56	1.40	1.24	1.84	1.70
MAX	1.8	7.8	4.4	2.7	3.0	3.9	2.0	2.2	4.0	1.9	6.9	2.0
MIN	.47	.47	1.0	1.3	1.3	.98	1.0	1.2	.90	.95	1.0	1.5

CAL YR 1985	TOTAL	397.53	MEAN	1.09	MAX	7.8	MIN	.47
WTR YR 1986	TOTAL	562.05	MEAN	1.54	MAX	7.8	MIN	.47

02197334 SITE NO. 3 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'31", long 81°39'12", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Four Mile Creek at right bank on downstream side of bridge on SRP Road 4, 0.8 mi southwest of H-Area.

DRAINAGE AREA.--5.95 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 205 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Apr. 5-30, which are poor. Flow regulated by Savannah River plant operations.

AVERAGE DISCHARGE.--14 years, 7.46 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 149 ft³/s, Feb. 24, 1979; maximum gage height, 3.70 ft, Jun. 10, 1986; minimum daily, 0.61 ft³/s, June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 118 ft³/s, Jun. 10, gage height, 3.70 ft; minimum daily, 1.6 ft³/s, Oct. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	6.2	8.0	5.5	5.5	6.1	4.8	3.2	2.8	1.9	2.7	5.8
2	4.5	3.5	6.5	5.3	5.0	5.6	4.8	3.1	2.9	3.0	2.3	4.8
3	3.0	5.3	5.9	5.0	4.8	5.4	5.0	3.5	2.9	2.3	2.7	5.5
4	2.6	5.6	5.6	4.9	4.9	5.2	4.8	3.3	2.8	2.5	4.9	4.7
5	2.6	3.8	5.5	5.5	6.6	5.0	4.7	3.4	2.9	2.0	3.3	4.9
6	2.2	2.6	5.6	5.1	10	4.8	4.6	3.6	2.8	2.2	5.8	4.5
7	2.5	2.5	5.8	5.4	7.6	4.7	4.6	4.4	3.0	2.2	7.9	4.6
8	2.5	2.2	5.8	5.0	5.7	4.7	4.7	4.6	2.7	2.1	4.3	4.2
9	5.0	3.1	4.9	5.4	5.3	4.9	4.8	3.9	3.0	2.4	3.4	4.1
10	2.9	2.7	5.0	6.4	15	5.0	4.7	3.9	19	2.3	3.3	4.5
11	2.4	5.7	5.5	7.5	17	4.9	5.2	4.0	18	2.4	3.0	4.3
12	2.1	4.9	12	5.9	9.7	5.6	4.6	5.5	4.8	2.4	2.9	4.1
13	2.0	4.3	30	5.5	7.8	6.9	4.5	13	3.5	2.2	3.8	4.0
14	1.9	4.1	13	5.8	6.7	17	4.2	5.3	3.2	2.2	8.0	3.6
15	1.8	3.3	8.4	4.9	6.3	8.5	4.3	4.2	3.0	2.2	5.9	3.8
16	1.8	3.4	7.1	4.6	6.0	5.8	4.5	3.9	3.3	2.1	4.2	3.7
17	1.8	3.1	7.0	5.5	6.1	5.4	4.8	3.4	2.4	2.0	3.2	3.8
18	2.0	3.2	6.5	5.3	6.1	5.0	3.9	3.4	2.4	2.3	3.4	3.7
19	1.8	3.3	6.2	5.6	6.2	8.8	3.9	3.7	4.3	2.2	6.6	3.6
20	1.7	3.8	6.2	5.3	8.7	16	3.8	3.2	3.6	2.1	30	3.7
21	1.7	7.6	5.6	5.3	5.2	7.6	4.2	3.3	3.2	2.8	17	3.3
22	2.7	43	5.4	5.0	5.3	6.4	4.2	3.1	2.9	3.6	6.4	3.7
23	1.7	10	5.5	5.1	5.0	5.9	4.3	3.7	2.5	2.6	4.9	3.3
24	1.7	6.7	5.8	4.8	5.4	6.0	3.8	3.1	2.5	2.3	4.2	3.7
25	2.3	5.7	5.5	5.2	5.3	6.0	3.4	2.8	2.6	2.5	4.4	3.6
26	1.6	5.3	5.6	6.0	5.5	5.4	3.3	2.9	2.7	2.5	3.7	3.4
27	1.7	4.8	5.9	6.0	7.5	5.5	3.7	2.9	2.3	2.3	4.2	3.6
28	1.9	4.7	6.1	6.4	5.9	5.5	3.3	3.3	1.9	2.3	4.7	3.4
29	1.7	11	6.6	5.8	---	5.2	3.5	3.0	1.9	2.4	5.2	4.3
30	1.8	12	5.8	5.3	---	5.1	3.0	3.0	1.9	2.2	5.7	4.5
31	6.4	---	4.9	5.5	---	5.7	---	3.4	---	2.9	6.3	---
TOTAL	74.7	187.4	223.2	169.8	196.1	199.6	127.9	121.0	117.7	73.4	178.3	122.7
MEAN	2.41	6.25	7.20	5.48	7.00	6.44	4.26	3.90	3.92	2.37	5.75	4.09
MAX	6.4	43	30	7.5	17	17	5.2	13	19	3.6	30	5.8
MIN	1.6	2.2	4.9	4.6	4.8	4.7	3.0	2.8	1.9	1.9	2.3	3.3

CAL YR 1985 TOTAL 1629.4 MEAN 4.46 MAX 58 MIN 1.5
WTR YR 1986 TOTAL 1791.8 MEAN 4.91 MAX 43 MIN 1.6

02197336 SITE NO. 4 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'21", long 81°39'55", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Four Mile Creek at left bank, 200 ft above SRP Road C, 0.8 mi downstream of site 3, 0.8 mi southeast of F Area.

DRAINAGE AREA.--6.96 mi².

PERIOD OF RECORD.--August 1967 to current year.

GAGE.- Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--14 years, 8.43 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Sept. 18, 1982, gage height, 5.41 ft; minimum daily, 1.6 ft³/s, May 17, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Nov. 22, gage height, 4.79 ft; minimum daily, 1.9 ft³/s, Oct. 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	7.0	9.4	5.4	5.5	6.1	5.3	3.6	3.3	2.6	2.9	5.7
2	4.7	4.4	7.5	5.3	5.7	5.8	5.3	3.2	3.3	2.8	2.6	5.2
3	3.0	6.3	6.6	5.2	5.1	5.9	5.6	3.6	3.8	3.0	2.6	5.2
4	2.5	6.2	6.0	5.2	5.2	5.3	5.5	3.6	3.4	2.7	5.0	4.6
5	2.5	4.2	5.6	5.4	6.8	5.1	5.4	3.8	3.4	2.8	3.5	5.4
6	2.4	3.2	5.3	5.2	11	4.9	5.2	3.9	3.2	2.7	2.9	4.9
7	2.5	2.9	5.2	5.2	7.3	4.7	5.2	4.5	3.2	2.5	13	4.7
8	2.8	2.8	5.4	4.9	6.0	5.2	5.4	5.1	3.2	2.6	6.5	4.9
9	3.4	3.3	5.1	5.3	5.4	5.2	6.3	4.4	3.3	2.7	3.6	5.1
10	3.6	3.2	5.1	6.1	21	5.1	5.5	4.3	4.4	2.6	3.4	5.2
11	2.4	4.7	5.3	7.2	27	5.4	5.8	4.8	40	2.7	3.2	5.1
12	2.4	5.2	17	5.8	10	5.5	5.0	6.5	5.4	2.6	3.2	4.9
13	2.2	5.4	43	4.7	8.1	7.4	5.1	21	4.0	2.6	4.0	4.6
14	2.0	4.6	12	5.6	6.9	23	4.8	5.7	4.0	2.6	15	4.1
15	1.9	4.0	8.9	5.4	6.5	9.8	4.7	4.6	3.6	2.8	6.3	4.9
16	2.0	3.3	7.5	5.3	6.2	6.3	4.9	4.2	3.5	2.7	5.2	5.9
17	2.1	3.2	7.0	5.8	6.2	5.6	5.4	4.0	3.3	2.5	3.4	4.1
18	2.3	3.2	6.2	5.8	6.5	5.6	4.3	4.0	3.1	2.5	3.7	4.2
19	2.3	3.4	6.0	6.2	6.7	10	4.2	4.2	3.5	2.6	5.5	4.1
20	2.3	4.1	5.9	5.8	9.2	19	4.2	3.7	3.9	2.6	50	3.6
21	2.3	7.9	5.6	5.4	5.8	8.4	4.4	3.7	4.0	3.2	36	3.6
22	2.6	76	5.6	5.3	6.8	6.5	4.6	4.0	3.5	3.9	8.3	3.6
23	2.6	12	5.6	5.4	6.5	6.4	4.9	3.8	3.1	2.8	5.6	3.8
24	2.6	6.6	5.9	5.2	6.3	5.9	4.3	3.9	2.8	2.1	4.7	5.0
25	2.6	5.7	6.1	5.2	6.3	5.3	3.8	3.5	3.2	2.8	4.5	5.2
26	2.7	6.1	5.7	6.3	6.5	5.6	3.7	3.4	2.9	2.4	4.5	4.3
27	2.5	6.3	5.8	5.9	8.5	5.5	4.1	3.0	3.0	2.4	5.2	4.3
28	2.8	6.0	6.2	5.9	6.6	5.3	3.8	3.7	2.7	2.4	5.5	4.2
29	2.7	15	6.3	5.9	---	6.6	3.8	4.6	2.6	2.5	5.6	3.9
30	2.7	16	5.8	5.9	---	5.8	3.5	3.4	2.7	2.7	6.4	5.0
31	6.6	---	5.0	5.6	---	6.6	---	3.7	---	2.6	6.4	---
TOTAL	84.5	242.2	243.6	172.8	225.6	218.8	144.0	143.4	139.3	83.0	238.2	139.3
MEAN	2.73	8.07	7.86	5.57	8.06	7.06	4.80	4.63	4.64	2.68	7.68	4.64
MAX	6.6	76	43	7.2	27	23	6.3	21	40	3.9	50	5.9
MIN	1.9	2.8	5.0	4.7	5.1	4.7	3.5	3.0	2.6	2.1	2.6	3.6

CAL YR 1985	TOTAL	1785.8	MEAN	4.89	MAX	76	MIN	1.6
WTR YR 1986	TOTAL	2074.7	MEAN	5.68	MAX	76	MIN	1.9

02197338 SITE NO. 5 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50'', long 81°40'15'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, at upstream end of pipe culvert at SRP Road E, 600 ft southeast of Area F, 0.5 mi east of SRP Road C.

DRAINAGE AREA.--0.28 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for period of estimated daily discharges, May 4 to June 1, which are fair, and for periods when discharge was over 16 ft³/s, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--14 years, 2.71 ft³/s.

EXTREMES FOR PERIOD OF RECORD.- Maximum discharge, undetermined, Aug. 5, 1974, gage height, 7.94 ft; minimum daily, 0.79 ft³/s, Mar. 25, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 20, gage height, 6.18 ft; minimum daily, 0.79 ft³/s, Mar. 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	5.4	4.8	3.4	4.4	3.2	2.4	2.1	2.7	2.4	1.9	2.4
2	3.8	4.9	4.3	3.4	5.3	3.3	2.0	1.8	2.7	2.5	1.8	2.4
3	2.5	6.4	4.2	3.9	4.5	2.9	2.2	2.4	3.2	2.5	1.9	2.1
4	2.1	3.9	3.9	3.8	4.3	2.4	2.5	2.4	2.7	2.2	5.0	2.0
5	2.2	3.0	2.6	3.4	4.7	2.4	2.6	2.6	2.6	2.4	2.5	2.5
6	2.3	3.0	2.4	3.4	5.0	2.7	2.4	2.5	2.5	2.2	2.2	2.1
7	2.5	2.9	2.3	3.3	4.0	2.8	2.4	2.7	2.5	2.0	7.2	1.9
8	3.0	2.9	2.7	3.5	4.3	3.5	2.6	3.0	2.5	2.3	3.0	2.3
9	3.1	2.8	3.2	3.4	4.1	2.8	2.5	2.5	2.5	2.2	1.7	3.0
10	3.2	3.0	3.3	3.6	9.3	3.0	2.5	2.5	5.6	2.2	1.7	2.7
11	2.8	3.1	3.1	3.9	5.7	3.2	2.2	2.9	2.3	2.0	1.5	2.4
12	3.1	3.4	6.7	3.6	4.9	4.1	2.0	4.1	1.2	1.9	1.6	2.4
13	3.0	3.0	7.7	2.4	3.9	3.7	2.3	4.5	2.1	1.9	1.8	2.0
14	3.2	3.1	4.1	3.9	3.6	5.3	2.7	3.0	2.9	2.0	2.9	1.9
15	3.0	2.6	4.4	4.7	3.6	3.3	2.6	2.7	2.5	1.9	2.1	3.1
16	3.0	2.0	3.6	4.6	3.6	2.8	2.7	2.7	2.4	1.9	2.4	4.0
17	3.0	2.0	3.3	4.5	3.6	2.6	3.4	2.7	2.1	2.0	1.6	2.0
18	3.1	2.0	2.6	4.5	3.6	2.6	2.3	2.6	2.3	1.9	1.8	2.0
19	3.0	2.3	3.4	5.0	3.6	3.9	2.4	2.6	2.3	1.9	2.2	1.9
20	3.1	2.5	3.0	4.7	3.1	3.6	2.4	2.6	2.4	2.0	8.0	1.4
21	3.1	3.0	3.2	4.4	2.2	2.9	2.5	2.5	2.7	2.6	2.5	1.6
22	3.3	10	3.5	4.4	5.8	2.3	3.0	2.8	2.7	5.9	3.4	1.2
23	3.6	3.0	3.4	4.5	6.2	2.6	3.6	2.7	2.6	2.1	2.4	2.0
24	4.2	1.7	3.7	4.4	4.9	1.3	2.5	2.7	2.2	2.3	1.8	3.4
25	4.1	2.0	4.1	4.3	5.0	.79	2.3	2.6	2.8	3.2	1.8	3.4
26	4.1	3.2	3.5	4.7	4.8	1.7	2.4	2.3	2.3	1.9	1.8	2.4
27	4.3	4.1	3.3	4.4	5.0	1.2	2.5	1.9	2.3	2.0	3.0	2.2
28	4.6	4.1	3.4	4.4	3.9	1.2	2.2	2.4	2.3	2.0	2.7	1.9
29	4.6	6.5	3.3	4.0	---	3.4	2.6	3.0	2.4	2.0	1.9	1.7
30	4.5	4.6	3.3	5.0	---	2.1	2.6	2.2	2.7	2.0	2.5	1.7
31	6.1	---	3.3	4.6	---	2.8	---	2.5	---	1.9	2.2	---
TOTAL	104.1	106.4	113.6	126.0	126.9	86.39	75.3	82.5	77.0	70.2	80.8	68.0
MEAN	3.36	3.55	3.66	4.06	4.53	2.79	2.51	2.66	2.57	2.26	2.61	2.27
MAX	6.1	10	7.7	5.0	9.3	5.3	3.6	4.5	5.6	5.9	8.0	4.0
MIN	2.1	1.7	2.3	2.4	2.2	.79	2.0	1.8	1.2	1.9	1.5	1.2

CAL YR 1985	TOTAL	1129.98	MEAN	3.10	MAX	22	MIN	.88
WTR YR 1986	TOTAL	1117.19	MEAN	3.06	MAX	10	MIN	.79

02197339 SITE NO. 5B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'29'', long 81°40'06'', Aiken County, Hydrologic Unit 0306106, at Savannah River Plant, 100 ft east of SRP Road C on right bank upstream and 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F area.

DRAINAGE AREA.--0.57 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except those above 35 ft³/s, which are poor.

AVERAGE DISCHARGE:-- 6 years, 3.55 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 20, 1986, gage height, 4.12 ft; minimum daily, 1.2 ft³/s, May 2, 1981, May 1, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 20, gage height, 4.12 ft; minimum daily, 1.4 ft³/s, Mar. 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	5.9	5.3	4.1	4.8	3.6	2.6	2.6	3.0	2.7	2.1	2.9
2	4.4	5.0	4.8	4.0	5.6	3.7	2.5	2.1	3.2	2.7	2.1	2.9
3	2.7	7.6	4.6	4.4	4.9	3.3	2.7	2.6	3.9	2.8	2.2	2.5
4	2.3	4.3	4.4	4.4	4.7	2.9	2.9	2.6	3.2	2.5	3.8	2.4
5	2.5	3.2	3.1	4.1	5.1	2.9	3.0	2.7	3.0	2.8	2.8	2.8
6	2.6	3.1	2.9	4.0	5.4	3.1	2.9	2.6	2.8	2.6	2.5	2.4
7	2.8	3.0	2.9	3.9	4.5	3.1	2.9	2.9	2.9	2.4	4.5	2.2
8	3.4	3.1	3.3	4.1	4.7	3.8	3.0	3.4	2.8	2.6	3.3	2.5
9	3.6	2.9	3.8	4.0	4.6	3.2	3.0	2.7	2.8	2.6	1.8	3.2
10	3.7	3.0	4.0	4.3	7.2	3.3	3.0	2.7	4.1	2.5	1.8	2.9
11	3.3	3.1	3.8	4.4	6.6	3.5	2.8	3.2	3.2	2.4	1.6	2.6
12	3.6	3.7	5.6	4.3	5.7	4.3	2.6	4.7	1.9	2.1	1.7	2.6
13	3.5	3.2	7.6	2.9	4.7	4.1	2.8	4.9	2.7	2.0	2.1	2.2
14	3.6	3.3	5.2	4.3	4.3	5.4	3.0	3.3	3.3	2.1	4.2	2.2
15	3.4	2.7	5.5	5.2	4.3	3.7	3.1	3.0	2.8	2.1	2.4	3.3
16	3.4	2.1	4.5	5.2	4.3	3.2	3.1	2.9	2.8	2.1	3.0	4.3
17	3.4	2.2	4.3	5.1	4.2	3.0	3.9	2.9	2.6	2.1	1.9	2.2
18	3.5	2.2	3.5	5.0	4.2	3.0	2.8	2.9	2.7	2.0	2.1	2.2
19	3.4	2.5	4.3	5.5	4.2	4.1	2.8	2.9	2.8	2.0	2.6	2.1
20	3.5	2.8	3.9	5.2	3.5	4.0	2.9	2.8	2.8	2.1	7.7	1.6
21	3.5	3.2	4.0	4.9	3.3	3.5	3.0	2.8	3.2	3.0	3.2	1.8
22	3.7	8.7	4.3	4.9	5.7	2.8	3.4	3.2	3.0	3.7	3.6	1.5
23	4.1	3.3	4.1	4.9	6.1	3.1	4.0	3.0	3.2	2.4	2.7	2.0
24	4.9	1.8	4.4	4.9	5.1	2.0	3.0	3.0	2.7	2.5	2.0	3.6
25	4.7	2.0	4.8	4.7	5.2	1.4	2.8	2.9	3.2	3.7	1.9	3.6
26	4.7	3.1	4.2	5.2	5.1	2.1	2.9	2.6	2.8	2.2	1.9	2.6
27	4.8	4.1	4.0	4.9	5.2	1.9	2.9	2.2	2.8	2.2	3.1	2.4
28	5.1	4.0	4.1	5.0	4.2	1.6	2.7	2.9	2.6	2.2	3.0	2.1
29	5.1	6.8	4.0	4.7	---	3.6	3.0	3.4	2.7	2.3	2.4	1.9
30	5.0	5.4	4.0	5.5	---	2.6	3.1	2.6	3.0	2.3	3.0	1.9
31	6.7	---	3.9	5.1	---	3.1	---	2.9	---	2.1	2.8	---
TOTAL	117.7	111.3	133.1	143.1	137.4	98.9	89.1	91.9	88.5	75.8	85.8	75.4
MEAN	3.80	3.71	4.29	4.62	4.91	3.19	2.97	2.96	2.95	2.45	2.77	2.51
MAX	6.7	8.7	7.6	5.5	7.2	5.4	4.0	4.9	4.1	3.7	7.7	4.3
MIN	2.3	1.8	2.9	2.9	3.3	1.4	2.5	2.1	1.9	2.0	1.6	1.5

CAL YR 1985 TOTAL 1283.9 MEAN 3.52 MAX 15 MIN 1.2
WTR YR 1986 TOTAL 1248.0 MEAN 3.42 MAX 8.7 MIN 1.4

02197340 SITE NO. 6 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat $33^\circ 16' 23''$, long $81^\circ 40' 05''$, Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRP Road C, and 0.7 mi southeast of F-Area.

DRAINAGE AREA.--7.53 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 193 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--14 years, 12.8 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 288 ft^3/s, Nov. 2, 1980, gage height, 5.15 ft; minimum daily, 4.1 ft^3/s Dec. 23, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 211 ft^3/s, Nov. 22, gage height, 4.75 ft; minimum daily, 4.9 ft^3/s, July 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	19	18	9.8	10	13	8.3	6.6	6.5	6.1	6.1	12
2	11	12	15	9.4	10	12	8.5	5.5	6.4	6.7	[illegible].5	11
3	7.1	14	13	9.2	8.9	12	9.1	6.2	7.8	7.3	5.3	11
4	5.7	15	11	9.3	8.9	11	9.2	6.1	6.7	6.6	11	9.6
5	5.8	9.3	10	9.5	12	10	8.9	6.4	6.6	6.6	7.9	11
6	5.3	6.8	9.6	8.9	18	10	8.3	6.4	6.2	6.3	6.4	10
7	5.6	6.0	9.3	8.9	13	9.3	8.7	7.4	6.1	5.7	22	9.7
8	6.6	5.7	9.7	8.2	11	11	8.9	8.9	6.2	6.0	12	10
9	7.6	6.4	9.2	9.0	10	10	11	7.5	6.2	6.2	6.1	11
10	10	6.1	9.1	11	29	10	9.3	7.3	13	6.0	5.6	11
11	6.9	9.4	9.5	13	38	11	9.9	8.2	64	6.3	5.2	11
12	6.7	10	21	10	20	11	8.5	11	13	5.7	5.2	10
13	6.1	10	52	8.2	16	14	8.6	32	9.2	5.6	6.8	9.4
14	5.9	8.7	22	11	14	36	8.1	12	9.6	5.2	22	8.1
15	5.7	7.4	17	10	13	19	8.2	9.5	8.3	5.6	12	9.9
16	5.9	6.0	14	10	13	13	8.5	8.5	8.0	5.5	9.3	13
17	6.2	5.7	13	11	13	12	9.6	8.0	7.3	4.9	5.7	8.1
18	6.7	5.7	11	11	13	12	7.5	8.0	7.0	5.0	6.2	8.2
19	6.6	6.1	11	12	13	19	7.2	8.4	8.0	5.1	8.6	8.1
20	6.7	7.6	11	11	16	31	7.2	7.5	9.4	5.1	70	6.9
21	6.6	14	10	10	11	17	7.8	7.3	9.6	6.9	49	6.9
22	7.7	86	10	10	14	13	8.4	8.0	8.3	9.8	18	6.8
23	7.6	21	10	10	15	13	9.0	7.5	7.2	8.0	12	7.3
24	7.8	13	11	9.8	14	11	7.6	7.8	6.6	5.7	9.7	10
25	7.7	10	11	9.7	14	9.3	6.9	6.9	7.8	7.6	9.2	11
26	7.9	11	10	12	14	9.5	6.7	6.5	6.7	5.8	9.3	8.6
27	7.3	12	11	11	18	9.2	7.4	5.7	7.0	5.6	11	8.5
28	8.5	11	11	11	14	8.5	6.8	7.1	6.2	5.4	12	8.2
29	8.2	23	12	11	---	11	7.1	9.4	6.1	5.5	12	7.4
30	7.8	26	10	11	---	9.5	6.5	6.7	6.3	5.6	14	10
31	17	---	8.9	10	---	11	---	7.3	---	5.3	14	---
TOTAL	227.7	403.9	410.3	315.9	413.8	408.3	247.7	261.6	287.3	188.7	409.1	283.7
MEAN	7.35	13.5	13.2	10.2	14.8	13.2	8.26	8.44	9.58	6.09	13.2	9.46
MAX	17	86	52	13	38	36	11	32	64	9.8	70	13
MIN	5.3	5.7	8.9	8.2	8.9	8.5	6.5	5.5	6.1	4.9	5.2	6.8

CAL YR 1985	TOTAL	3459.5	MEAN	9.48	MAX	86	MIN	4.2
WTR YR 1986	TOTAL	3858.0	MEAN	10.6	MAX	86	MIN	4.9

021973405 C-001 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°15'13", long 81°40'53", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on upstream side of culvert, near right bank, 10 ft east of dirt road SRP A-6, 1000 ft northwest of Area C, and 0.6 mi upstream of Four Mile Creek.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 245 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those for periods when discharge was over 3.1 ft³/s, which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 1, 1984, gage height, 3.59 ft; minimum daily, 0.08 ft³/s, Sept 30, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 10, gage height, 3.26 ft; minimum daily, 0.08 ft³/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.33	.59	.27	.25	.19	.33	.28	.31	.27	.33	.17	.16
2	.47	.41	.25	.25	.18	.33	.20	.29	.33	.32	.18	.15
3	.37	.56	.22	.25	.18	.34	.18	.27	.35	.33	.18	.15
4	.37	.36	.18	.26	.19	.33	.17	.24	.29	.32	.25	.15
5	.41	.35	.21	.25	.29	.32	.17	.23	.25	.31	.21	.15
6	.31	.35	.21	.25	.38	.33	.18	.28	.24	.31	.35	.14
7	.31	.35	.22	.24	.19	.33	.22	.25	.24	.29	.20	.14
8	.30	.34	.23	.23	.18	.31	.41	.24	.24	.29	.19	.14
9	.29	.34	.25	.23	.17	.31	.41	.22	.26	.26	.18	.14
10	.29	.35	.26	.37	.59	.31	.26	.20	.68	.27	.18	.14
11	.30	.36	.28	.34	.51	.31	.15	.18	.50	.26	.18	.14
12	.28	.42	.56	.24	.34	.31	.15	.39	.40	.25	.18	.14
13	.28	.38	.53	.32	.33	.38	.14	.52	.20	.24	.19	.14
14	.31	.37	.35	.39	.32	.54	.14	.34	.20	.24	.31	.14
15	.29	.37	.34	.28	.29	.31	.14	.31	.20	.24	.17	.13
16	.31	.37	.33	.38	.28	.30	.14	.30	.20	.23	.17	.13
17	.31	.38	.32	.37	.27	.30	.14	.29	.20	.22	.17	.13
18	.31	.38	.31	.35	.30	.36	.20	.28	.20	.20	.16	.13
19	.30	.34	.30	.36	.29	.61	.11	.24	.23	.19	.20	.13
20	.36	.48	.30	.34	.23	.51	.11	.21	.22	.18	.53	.13
21	.31	.65	.29	.35	.09	.22	.13	.17	.22	.23	.17	.12
22	.37	1.2	.27	.34	.16	.18	.14	.18	.23	.20	.16	.12
23	.39	.37	.25	.32	.30	.17	.11	.18	.24	.18	.16	.13
24	.40	.34	.28	.23	.26	.18	.10	.17	.25	.18	.15	.13
25	.43	.32	.31	.15	.27	.18	.15	.17	.32	.18	.15	.13
26	.41	.31	.30	.19	.32	.18	.13	.17	.28	.18	.15	.14
27	.39	.31	.28	.15	.39	.18	.17	.17	.30	.17	.19	.14
28	.46	.31	.29	.16	.35	.26	.19	.23	.30	.17	.24	.14
29	.41	.62	.28	.16	---	.39	.25	.22	.30	.18	.17	.14
30	.41	.42	.26	.18	---	.19	.29	.20	.30	.18	.19	.08
31	.71	---	.26	.18	---	.30	---	.26	---	.17	.17	---
TOTAL	11.19	12.70	8.99	8.36	7.84	9.60	5.56	7.71	8.44	7.30	6.25	4.07
MEAN	.36	.42	.29	.27	.28	.31	.19	.25	.28	.24	.20	.14
MAX	.71	1.2	.56	.39	.59	.61	.41	.52	.68	.33	.53	.16
MIN	.28	.31	.18	.15	.09	.17	.10	.17	.20	.17	.15	.08

CAL YR 1985 TOTAL 207.13 MEAN .57 MAX 2.1 MIN .15
WTR YR 1986 TOTAL 98.01 MEAN .27 MAX 1.2 MIN .08

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02197341 TRIBUTARY TO FOUR MILE CREEK BELOW TWIN LAKES AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'55", long 81°41'35", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, 50 ft below Twin Lakes, 800 ft upstream from Four Mile Creek, and .75 mi west of Area C.

PERIOD OF RECORD.--March 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 175 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Nov. 6 to Dec. 4 and Jan. 6 to Feb. 5, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.49 ft³/s, May 9, 1984, gage height, 0.61 ft; minimum daily, 0.02 ft³/s, May 19-21, 1985 and Aug. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.14 ft³/s, Dec. 13, gage height, 0.47 ft; minimum daily, 0.02 ft³/s, Aug. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.09	.12	.09	.12	.09	.05	.04	.04	.03	.03	.05
2	.08	.10	.12	.09	.12	.09	.05	.04	.04	.03	.03	.04
3	.08	.10	.12	.09	.11	.09	.05	.04	.04	.03	.03	.04
4	.08	.11	.13	.09	.11	.09	.05	.04	.04	.03	.02	.03
5	.08	.11	.11	.09	.11	.09	.05	.05	.04	.03	.03	.03
6	.08	.11	.11	.09	.11	.07	.05	.06	.04	.03	.03	.04
7	.08	.11	.11	.11	.11	.06	.05	.05	.03	.03	.05	.04
8	.08	.11	.11	.11	.11	.06	.05	.04	.03	.03	.05	.04
9	.08	.11	.10	.11	.10	.06	.05	.04	.03	.03	.05	.04
10	.08	.11	.10	.12	.10	.06	.05	.04	.04	.03	.04	.04
11	.08	.11	.10	.12	.10	.06	.05	.04	.10	.03	.04	.04
12	.08	.11	.10	.11	.11	.06	.05	.05	.10	.03	.03	.03
13	.08	.11	.13	.11	.10	.06	.05	.08	.08	.03	.03	.04
14	.08	.11	.14	.12	.10	.06	.05	.08	.06	.03	.05	.04
15	.08	.11	.14	.13	.10	.06	.04	.06	.04	.03	.07	.04
16	.08	.11	.14	.12	.10	.06	.04	.05	.04	.03	.06	.04
17	.07	.11	.14	.12	.10	.06	.04	.04	.04	.03	.04	.03
18	.08	.11	.13	.12	.10	.06	.04	.04	.03	.03	.04	.03
19	.08	.11	.12	.12	.10	.06	.04	.04	.04	.03	.03	.03
20	.08	.11	.11	.12	.10	.06	.04	.04	.06	.03	.05	.03
21	.08	.12	.11	.11	.10	.06	.04	.04	.05	.03	.09	.03
22	.07	.13	.10	.11	.10	.06	.04	.04	.04	.03	.09	.04
23	.08	.13	.10	.11	.10	.06	.04	.04	.03	.04	.08	.04
24	.08	.12	.10	.11	.09	.06	.04	.04	.03	.04	.06	.04
25	.08	.12	.10	.11	.09	.06	.04	.04	.04	.03	.05	.04
26	.08	.12	.09	.12	.09	.06	.04	.04	.04	.03	.04	.04
27	.08	.12	.09	.12	.09	.06	.04	.04	.04	.03	.04	.04
28	.08	.12	.09	.12	.09	.06	.04	.04	.04	.03	.04	.04
29	.08	.12	.09	.12	---	.06	.04	.05	.03	.03	.04	.04
30	.08	.12	.09	.13	---	.06	.04	.05	.03	.03	.04	.04
31	.08	---	.09	.12	---	.06	---	.04	---	.03	.05	---
TOTAL	2.46	3.38	3.43	3.46	2.86	2.02	1.34	1.42	1.33	.95	1.42	1.13
MEAN	.08	.11	.11	.11	.10	.06	.04	.05	.04	.03	.05	.04
MAX	.08	.13	.14	.13	.12	.09	.05	.08	.10	.04	.09	.05
MIN	.07	.09	.09	.09	.09	.06	.04	.04	.03	.03	.02	.03

CAL YR 1985	TOTAL	33.34	MEAN	.09	MAX	.23	MIN	.02
WTR YR 1986	TOTAL	25.20	MEAN	.07	MAX	.14	MIN	.02

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02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'40", long 81°41'45", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right upstream end of concrete culvert pipe on Four Mile Creek at SRP Road A-7, 1.0 mi southwest of Area C.

DRAINAGE AREA.--12.5 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 155 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Aug. 23 to Sept. 3, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--14 years, 17.76 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft³/s, Feb. 2, 1973, gage height, 4.80 ft; minimum daily, 5.1 ft³/s, Oct. 3, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 181 ft³/s, Nov. 22, gage height, 4.43 ft; minimum daily, 5.8 ft³/s, Jul. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	25	26	14	15	15	13	8.3	7.9	6.7	6.7	14
2	12	19	19	14	16	14	11	7.3	7.2	6.7	6.4	12
3	13	15	16	14	14	15	11	7.2	8.8	7.2	6.2	12
4	7.7	24	15	14	15	14	12	7.5	8.8	6.7	6.8	12
5	8.3	13	15	15	19	13	11	7.5	8.2	6.9	13	14
6	6.9	10	15	14	27	13	11	7.7	7.5	6.8	9.5	15
7	6.2	9.1	13	14	24	12	10	7.7	7.2	6.3	18	13
8	6.7	8.5	14	13	17	12	12	9.3	7.2	6.3	18	12
9	7.2	8.3	13	14	15	13	13	9.5	7.0	6.2	11	13
10	9.4	12	13	16	32	13	12	8.4	9.1	6.3	7.9	13
11	8.6	11	13	21	64	14	11	8.0	80	6.4	7.6	13
12	8.0	13	19	16	26	13	11	12	20	6.2	7.3	13
13	7.4	15	88	13	19	16	11	46	9.4	6.1	7.8	12
14	6.9	12	38	14	18	45	10	16	9.4	5.9	23	11
15	6.7	11	22	15	17	27	10	11	8.4	6.7	27	11
16	6.5	9.4	18	14	16	16	9.6	10	8.2	6.2	12	14
17	6.9	8.8	18	15	16	14	11	9.0	8.3	6.4	9.2	12
18	6.7	8.4	16	15	16	14	9.8	8.4	7.2	6.1	8.6	11
19	7.0	8.6	15	18	16	18	9.2	8.8	8.3	6.1	8.4	11
20	6.9	10	15	16	18	38	9.1	8.4	14	5.8	33	10
21	6.9	16	15	15	16	25	9.9	7.7	9.7	7.4	96	10
22	7.3	102	15	15	15	17	9.9	7.9	8.2	10	23	9.8
23	9.6	41	15	15	17	15	11	7.6	7.6	14	14	9.5
24	8.9	18	15	14	16	14	10	7.8	7.0	7.6	12	11
25	8.6	15	15	14	16	13	9.3	7.2	8.6	8.0	11	12
26	8.8	15	14	17	17	12	8.7	7.0	7.4	8.2	11	11
27	8.1	15	15	16	21	13	9.2	6.8	7.6	6.9	13	10
28	10	15	15	16	17	12	9.4	7.9	7.0	6.6	14	10
29	9.6	24	16	16	---	13	8.4	11	6.7	6.5	14	9.7
30	9.1	45	15	16	---	13	8.5	8.2	6.3	6.5	16	11
31	17	---	14	15	---	13	---	7.7	---	6.2	16	---
TOTAL	258.8	557.1	585	468	555	509	312.0	304.8	328.1	215.9	487.4	352.0
MEAN	8.35	18.6	18.9	15.1	19.8	16.4	10.4	9.83	10.9	6.96	15.7	11.7
MAX	17	102	88	21	64	45	13	46	80	14	96	15
MIN	6.0	8.3	13	13	14	12	8.4	6.8	6.3	5.8	6.2	9.5

CAL YR 1985	TOTAL	4706.8	MEAN	12.9	MAX	102	MIN	5.6
WTR YR 1986	TOTAL	4933.1	MEAN	13.5	MAX	102	MIN	5.8

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02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to September 1986 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to September 1986 (discontinued).

INSTRUMENTATION.--USGS Mini-monitor sinch March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.5°C, Jul. 19, 1986; minimum, 0.5°C, Jan. 21, 22 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 31.5°C, Jul. 19; minimum 1.0°C, Jan 28.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.0	16.5	20.5	21.0	19.0	20.0	18.0	16.5	17.0	12.5	9.5	11.0
2	22.5	21.0	21.5	20.0	19.0	19.5	17.0	13.0	16.0	11.5	8.0	10.0
3	24.0	21.5	23.0	19.5	18.5	19.0	12.5	9.5	11.0	14.5	11.0	12.5
4	25.0	22.5	23.5	19.5	15.0	18.0	11.0	8.0	9.5	12.0	10.5	11.0
5	24.0	21.0	23.0	15.5	13.0	14.5	10.0	8.5	9.5	12.0	8.5	10.5
6	20.5	16.5	18.0	15.5	12.0	14.0	10.5	8.0	9.5	8.5	5.0	7.0
7	17.5	14.0	16.0	15.5	11.5	13.5	9.5	6.5	8.0	10.0	7.0	8.5
8	18.0	15.0	16.5	15.5	13.0	14.5	10.0	6.5	8.5	8.0	5.5	7.5
9	20.5	17.0	18.5	15.0	10.5	13.0	11.5	8.0	9.5	6.5	3.5	5.0
10	21.0	18.0	19.5	17.0	12.5	15.0	12.5	9.0	11.0	9.0	6.5	8.0
11	22.0	20.5	21.5	18.5	15.0	17.0	15.5	11.0	13.0	10.5	7.5	9.0
12	23.0	21.0	22.0	19.0	17.0	18.0	16.5	14.5	16.0	10.0	6.0	8.0
13	24.0	21.5	22.5	20.5	18.5	19.5	18.0	16.5	17.5	10.0	7.0	8.5
14	23.5	20.5	22.0	21.0	19.0	20.0	16.5	9.0	13.0	8.5	4.5	6.5
15	24.0	21.0	23.0	20.5	18.0	19.5	9.0	6.0	8.0	9.5	6.0	7.5
16	23.5	22.0	23.0	20.5	18.5	19.5	8.5	5.0	7.0	11.0	7.0	9.0
17	23.0	22.0	22.5	21.5	19.0	20.0	9.5	6.0	7.5	13.5	10.5	12.0
18	23.0	21.0	22.0	21.5	18.5	20.0	10.0	7.0	8.5	15.5	12.5	14.0
19	23.0	20.5	22.0	21.5	19.0	20.5	9.5	7.0	8.5	16.0	12.5	14.5
20	23.5	21.0	22.0	22.0	20.5	21.0	8.5	6.0	7.0	12.5	10.0	11.5
21	23.5	21.0	22.0	21.5	21.0	21.0	7.5	5.0	6.5	12.5	8.0	10.0
22	22.5	20.0	21.0	21.0	16.5	17.5	7.0	4.0	5.5	14.5	9.5	12.0
23	20.5	19.5	20.0	17.0	15.0	16.0	9.5	5.5	7.5	14.0	11.5	13.5
24	22.0	19.0	20.5	16.5	13.5	15.0	13.0	9.5	11.0	11.5	8.0	10.0
25	22.0	19.5	21.0	17.0	14.5	16.0	11.0	6.0	9.0	10.5	8.5	9.5
26	21.5	19.5	20.5	19.0	16.5	17.5	5.5	3.0	4.5	11.0	9.0	10.5
27	20.0	18.5	19.0	20.5	17.5	19.0	7.5	3.0	5.0	8.5	3.0	6.0
28	20.5	19.0	20.0	21.0	17.5	19.0	9.5	7.0	8.5	5.0	1.0	3.0
29	20.0	17.0	18.5	21.0	19.5	20.0	12.0	9.5	10.5	8.5	3.0	5.5
30	17.0	16.0	16.5	20.5	18.5	20.0	9.0	6.5	8.0	11.0	7.0	8.5
31	19.0	17.0	18.0	---	---	---	9.5	5.5	7.5	11.0	6.5	8.5
MONTH	25.0	14.0	20.5	22.0	10.5	18.0	18.0	3.0	9.5	16.0	1.0	9.5

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	7.5	9.5	13.0	10.0	11.5	23.0	16.0	19.5	25.0	18.5	21.0
2	15.5	10.5	13.0	13.0	7.0	9.5	23.5	16.5	20.0	24.5	19.5	21.5
3	16.0	11.5	14.0	16.0	9.0	12.0	22.5	17.0	19.5	23.5	18.0	21.0
4	17.5	13.0	15.0	13.0	10.5	11.5	24.5	18.5	21.5	22.0	15.0	19.0
5	16.0	15.0	15.5	14.5	9.0	11.5	25.0	18.5	21.5	---	---	---
6	17.0	15.5	16.0	15.0	9.5	12.0	25.0	19.0	22.0	---	---	---
7	17.5	13.0	15.0	15.5	9.0	12.0	24.5	19.0	22.0	---	---	---
8	13.5	11.5	12.5	14.5	10.0	12.0	22.5	19.0	21.0	---	---	---
9	15.0	11.0	13.0	17.0	9.5	13.0	23.0	17.5	20.0	---	---	---
10	14.0	13.5	13.5	18.5	14.0	16.0	20.0	15.0	18.0	---	---	---
11	13.5	10.5	12.0	21.5	16.5	18.5	20.5	15.5	18.5	---	---	---
12	12.5	8.5	10.0	22.0	16.5	19.0	20.0	15.0	18.0	---	---	---
13	10.5	7.0	8.5	22.5	19.0	20.5	22.5	16.0	19.0	---	---	---
14	10.5	5.5	8.0	19.0	16.5	18.0	22.0	16.5	19.0	---	---	---
15	13.5	9.5	11.5	20.5	15.0	17.5	21.5	18.0	19.5	---	---	---
16	13.0	7.5	10.5	20.0	16.0	18.0	21.5	16.5	19.0	---	---	---
17	16.0	10.5	13.0	21.0	14.5	17.5	19.5	15.0	18.0	---	---	---
18	19.0	14.5	16.5	21.0	15.0	18.0	21.0	15.0	18.5	---	---	---
19	18.0	15.0	16.5	19.5	18.0	18.5	22.5	15.5	18.5	---	---	---
20	20.0	15.0	17.0	18.0	14.5	16.5	21.0	15.0	18.0	---	---	---
21	19.5	15.5	17.0	16.5	12.5	14.0	23.5	18.5	20.5	25.0	20.0	22.5
22	19.5	16.0	17.5	15.5	9.5	12.0	20.5	16.0	18.5	24.0	18.0	21.0
23	19.5	15.5	17.5	16.0	8.0	12.0	19.5	15.0	18.0	24.5	17.5	21.0
24	16.5	12.5	14.5	18.5	10.5	14.0	20.0	15.5	18.0	26.5	20.0	23.5
25	15.5	12.0	13.5	18.5	12.5	15.5	22.0	15.0	19.0	27.5	21.5	25.0
26	13.5	9.5	11.5	19.5	15.0	17.0	24.5	16.5	20.0	27.0	23.0	25.5
27	17.0	12.0	14.5	21.5	15.0	18.0	24.0	18.5	21.0	26.5	23.5	25.0
28	15.0	11.5	13.5	21.0	15.0	18.0	25.0	20.0	22.0	27.5	23.0	25.0
29	---	---	---	21.0	13.5	17.0	24.5	19.5	21.5	26.5	23.0	25.0
30	---	---	---	22.0	14.0	18.0	24.5	18.0	21.0	28.5	23.0	25.5
31	---	---	---	22.5	15.0	18.5	---	---	---	27.5	23.5	25.5
MONTH	20.0	5.5	13.5	22.5	7.0	15.5	25.0	15.0	19.5	28.5	15.0	23.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	23.5	26.0	30.0	25.5	27.5	28.5	26.0	27.0	22.5	20.5	21.5
2	28.5	23.5	26.0	30.0	25.5	28.0	28.5	26.0	27.5	23.5	21.5	22.5
3	26.5	23.5	24.5	29.0	25.0	27.0	28.5	26.0	27.0	24.5	22.5	23.5
4	24.5	22.5	23.5	28.5	23.5	26.0	27.5	25.5	26.5	24.5	23.5	24.0
5	27.0	22.5	24.5	26.5	23.5	25.5	27.0	24.0	25.5	25.0	23.5	24.0
6	28.0	22.5	25.0	27.5	24.0	25.5	26.5	25.0	25.5	24.5	24.0	24.0
7	28.5	23.0	26.0	29.5	24.5	27.0	26.0	24.0	25.0	25.0	23.0	24.0
8	28.5	24.0	26.5	30.5	25.5	28.0	26.5	24.5	25.5	24.5	22.5	23.5
9	30.0	24.5	27.0	30.5	26.0	28.5	27.0	24.5	25.5	24.0	23.0	23.5
10	28.5	24.5	26.5	30.5	26.0	28.5	27.5	25.0	26.5	24.5	23.0	23.5
11	27.0	23.5	25.0	30.0	26.0	28.0	27.5	26.0	27.0	25.5	23.5	24.5
12	29.5	24.5	27.0	30.5	25.5	28.0	27.5	26.0	26.5	25.5	24.0	24.5
13	29.0	24.5	27.0	31.0	26.0	28.5	27.0	26.0	26.0	25.0	24.0	24.5
14	28.5	23.0	26.0	30.5	26.0	28.5	26.0	25.0	25.0	25.0	23.0	24.0
15	27.5	24.5	26.0	30.5	25.5	28.0	27.0	24.0	25.5	24.0	21.5	22.5
16	28.0	24.0	26.0	30.5	25.5	28.0	28.5	24.5	26.5	24.0	22.0	23.0
17	29.5	23.5	26.5	30.0	25.5	28.0	28.5	25.0	27.0	24.0	23.0	23.0
18	27.0	24.0	25.5	30.5	26.0	28.5	27.5	24.5	26.5	23.0	21.5	22.5
19	27.5	23.5	25.5	31.5	26.5	29.0	27.0	25.0	26.0	24.0	21.5	23.0
20	28.5	23.5	26.0	31.0	26.5	29.0	26.0	23.0	24.5	24.5	22.0	23.5
21	29.0	24.0	26.5	29.0	26.0	28.0	24.5	22.5	23.5	25.0	23.0	24.0
22	28.0	23.0	26.0	29.0	25.5	27.0	27.0	23.0	25.0	25.0	23.0	24.0
23	28.5	23.0	26.0	28.5	25.0	26.5	28.0	24.5	26.0	25.0	23.0	24.0
24	28.5	24.0	26.5	28.5	26.0	27.5	28.0	24.5	26.5	25.0	23.0	24.0
25	29.5	24.5	27.0	28.0	26.0	27.0	27.0	25.0	26.0	25.5	23.5	24.5
26	29.0	25.5	27.5	28.0	25.5	26.5	27.0	24.0	25.5	26.0	24.0	25.0
27	29.5	25.5	27.5	28.5	25.5	27.0	28.0	24.5	26.5	26.0	24.5	25.5
28	30.0	26.0	28.0	29.0	26.0	27.5	27.0	24.5	26.0	26.0	24.0	25.0
29	29.5	25.5	27.5	28.5	26.5	27.5	24.0	21.0	21.5	26.0	24.5	25.5
30	29.5	25.0	27.5	29.0	25.5	27.0	20.5	19.5	20.0	25.5	24.0	25.0
31	---	---	---	28.0	24.5	26.5	20.5	19.5	20.0	---	---	---
MONTH	30.0	22.5	26.0	31.5	23.5	27.5	28.5	19.5	23.5	26.0	20.5	24.0
YEAR	31.5	1.0	19.0									

021973124 C-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'47", long 81°40 27", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C-Area, 0.5 mi north of SRP Road 3.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 10, 1986, gage height, 1.87 ft; minimum daily, 0.03 ft³/s, Feb. 20, 26, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 10, gage height, 1.87 ft; minimum daily, 0.25 ft³/s, Oct. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.36	.61	.55	.42	.57	.50	.66	.69	.57	.44	.50	.44
2	.53	.60	.54	.39	.33	.47	.54	.69	.61	.44	.50	.42
3	.27	.68	.45	.38	.32	.44	.49	.71	.58	.47	.93	.43
4	.25	.36	.45	.67	.32	.47	.57	.70	.56	.52	.73	.42
5	.51	.34	.50	.41	.37	.51	.54	.71	.56	.54	.53	.42
6	.38	.37	.46	.42	.59	.62	.60	.64	.53	.84	.62	.64
7	.35	.37	.71	.43	.31	.64	1.2	.61	.55	.59	.46	.39
8	.26	.38	.50	.43	.42	.67	2.2	.56	.56	.58	.44	.39
9	.30	.65	.47	.44	.30	.68	2.0	.56	.59	.58	.96	.42
10	.32	.43	.42	.60	1.2	.65	.86	.56	.77	.58	.44	.41
11	.31	.42	.39	.64	.61	.63	.63	.56	.86	.60	.51	.39
12	.45	.44	1.0	.59	.34	.60	.67	.69	.72	.61	.47	.39
13	.27	.39	1.6	.61	.33	.71	.69	.95	.44	.62	.86	.50
14	.30	.38	.48	.61	.36	1.0	.69	1.2	.46	.62	1.3	.45
15	.40	.38	.43	.59	.68	.59	.69	2.0	.46	.59	.48	.43
16	.43	.45	.42	.57	.40	.60	.76	2.0	.44	.59	.52	.42
17	.43	.38	.42	.36	.42	.55	.74	2.0	.44	.58	.44	.47
18	.39	.36	.40	.36	.41	.72	1.1	1.2	.46	.59	.46	.51
19	.31	.37	.40	.78	.41	1.4	.75	.52	.50	.61	.61	.51
20	.46	.43	.42	.55	.39	1.1	.73	.52	.45	.65	1.3	.75
21	.40	.54	.61	.56	.31	.53	.65	.49	.44	.89	.50	.50
22	.48	1.7	.44	.58	.63	.55	.55	.49	.45	.65	.49	.50
23	.47	.50	.43	.61	.43	.48	.64	.71	.56	.60	.83	.50
24	.46	.32	.45	.50	.40	.47	.67	.79	.41	.55	.53	.48
25	.48	.38	.45	.46	.47	.61	.59	.78	.46	.60	.89	.50
26	.75	.44	.44	.36	.47	.44	.67	.75	.46	.88	.52	.50
27	.49	.53	.48	.34	.48	.46	.71	.68	.45	.51	.56	.83
28	.42	.50	.85	.31	.47	.55	.73	.74	.43	.52	.58	.56
29	.40	1.2	.45	.31	---	.50	.69	.62	.44	.49	.46	.55
30	.40	.99	.42	.30	---	.43	.66	.78	.42	.48	.52	.50
31	.80	---	.41	.30	---	.66	---	.56	---	.50	.46	---
TOTAL	12.83	15.89	16.44	15.28	12.74	19.26	23.67	25.44	15.63	18.31	19.40	14.62
MEAN	.41	.53	.53	.49	.45	.62	.79	.82	.52	.59	.63	.49
MAX	.80	1.7	1.6	.78	1.2	1.4	2.2	2.0	.86	.89	1.3	.83
MIN	.25	.32	.39	.30	.30	.43	.49	.49	.41	.44	.44	.39

CAL YR 1985	TOTAL	376.23	MEAN	1.03	MAX	3.5	MIN	.25
WTR YR 1986	TOTAL	209.51	MEAN	.57	MAX	2.2	MIN	.25

021973426 C-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20'', long 81°40'25'', Barnwell county, Hydrologic Unit 03060106, at Savannah River Plant, near left bank 100 ft downstream from SRP Road 3, 0.5 mi south of C Area, 0.6 mi west of junction of SRP Roads 3 and 5.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft^3/s, May 28, 1984, gage height, 5.10 ft; minimum daily, 4.6 ft^3/s, May 31, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 435 ft^3/s, Oct. 23, gage height, 4.85 ft; minimum daily, 4.6 ft^3/s, May 31.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	38	26	22	33	7.5	45	21	5.1	11	14	11
2	35	36	26	22	33	6.9	29	23	9.5	12	13	15
3	35	37	24	22	32	10	15	24	12	11	12	11
4	35	36	21	22	33	22	16	24	9.5	15	10	7.7
5	36	36	24	22	33	22	15	24	9.9	10	9.3	11
6	35	35	22	22	34	21	15	25	11	14	13	14
7	39	35	21	22	33	19	21	25	26	13	13	14
8	35	36	22	21	32	16	47	24	20	12	14	14
9	35	40	21	22	32	19	44	25	19	11	15	15
10	35	41	22	56	14	19	31	25	26	14	16	16
11	35	34	23	116	12	19	22	25	39	11	18	18
12	35	32	27	112	7.7	19	22	27	37	23	19	14
13	35	30	29	111	10	20	23	29	16	14	20	10
14	35	30	23	110	10	21	23	25	19	14	18	6.8
15	40	30	22	111	20	17	24	21	18	15	15	6.8
16	39	28	22	110	21	17	22	21	18	15	15	14
17	35	28	22	110	22	18	23	21	17	17	17	16
18	36	28	22	113	18	35	29	27	17	18	19	14
19	42	28	22	114	13	50	21	25	18	18	19	11
20	61	28	22	112	20	49	21	25	18	15	24	11
21	44	29	22	112	7.6	25	21	15	18	19	17	11
22	33	40	22	112	8.9	22	21	15	20	23	19	8.9
23	226	28	23	111	7.9	23	21	12	23	24	18	7.4
24	257	28	23	66	8.6	24	21	17	23	24	18	6.2
25	51	28	22	30	12	25	21	17	18	23	17	12
26	41	27	22	31	14	26	21	12	11	24	15	9.4
27	36	[illegible]	22	33	12	25	21	13	9.2	20	14	8.8
28	35	26	22	32	9.0	31	20	16	8.4	17	13	8.0
29	44	29	22	32	---	44	27	28	13	15	12	9.1
30	34	28	22	32	---	25	24	15	13	14	11	9.0
31	45	---	22	32	---	58	---	4.6	---	14	11	---
TOTAL	1594	955	707	1995	542.7	755.4	726	650.6	521.6	500	478.3	340.1
MEAN	51.4	31.8	22.8	64.4	19.4	24.4	24.2	21.0	17.4	16.1	15.4	11.3
MAX	257	41	29	116	34	58	47	29	39	24	24	18
MIN	33	26	21	21	7.6	6.9	15	4.6	5.1	10	9.3	6.2

CAL YR 1985	TOTAL	77773	MEAN	213	MAX	439	MIN	21
WTR YR 1986	TOTAL	9765.7	MEAN	26.8	MAX	257	MIN	4.6

BEST COPY AVAILABLE

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1934 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 72.3°C, Aug. 19, 21, 1984; minimum, 6.0°C, Jan. 27-31.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 33.5, Jul. 8, 9, and 11, minimum, 6.0°C, Jan. 27-31.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	20.5	21.5	20.5	19.0	19.5	19.0	18.0	18.5	13.5	10.5	11.0
2	23.5	21.5	22.0	20.0	18.5	19.0	19.0	11.5	15.5	13.0	9.5	11.0
3	24.0	20.0	22.0	20.0	18.5	19.5	13.0	10.0	11.5	14.5	11.0	12.0
4	24.0	20.5	22.5	19.5	13.0	17.0	14.0	10.0	12.5	13.0	11.0	12.0
5	23.5	20.0	22.0	19.0	12.0	14.0	14.0	10.0	13.0	13.0	10.0	11.5
6	23.5	19.5	21.0	19.5	12.0	14.0	14.0	10.0	12.0	13.0	9.5	11.0
7	23.0	19.0	20.5	18.5	11.5	13.5	14.0	10.5	12.0	12.0	9.0	10.5
8	21.5	18.5	20.0	14.0	10.5	12.0	14.0	10.0	12.0	11.0	8.0	9.0
9	23.5	19.5	20.5	18.0	10.0	12.0	13.5	10.0	12.0	11.0	7.5	9.0
10	23.5	19.5	21.0	19.0	12.0	14.0	15.5	11.0	13.0	10.0	9.0	9.5
11	22.0	21.0	21.5	19.5	12.5	15.0	16.5	12.5	14.0	10.0	9.0	9.0
12	24.0	21.0	21.5	19.0	13.5	17.0	16.5	14.0	15.0	10.0	9.0	9.5
13	24.0	20.0	21.5	20.0	18.5	19.0	17.5	16.0	17.0	10.0	9.0	9.5
14	24.0	20.0	22.0	21.0	18.5	19.5	17.0	13.5	15.0	9.5	8.5	9.0
15	[illegible]	20.5	22.0	21.5	19.0	19.5	15.5	12.0	13.0	10.0	9.0	9.5
16	24.0	20.0	22.5	21.0	19.0	19.5	14.5	10.5	12.0	10.0	9.0	9.5
17	23.5	22.0	22.5	22.5	19.5	20.0	13.5	10.5	11.5	11.0	10.0	10.5
18	23.5	20.0	22.0	22.0	19.0	20.0	13.0	10.0	11.0	12.0	10.5	11.0
19	23.5	20.0	22.0	22.0	19.0	20.5	13.0	10.0	11.0	12.5	11.5	12.0
20	23.5	20.0	22.0	21.0	20.0	20.5	13.0	9.5	10.5	12.0	11.0	11.5
21	23.5	20.0	22.0	21.0	20.5	21.0	12.5	9.0	10.0	11.5	10.5	11.0
22	23.0	21.5	22.0	21.0	12.5	17.5	12.0	8.5	10.0	11.5	10.0	10.5
23	21.5	21.0	21.0	19.0	13.0	17.0	12.5	9.5	10.5	11.5	11.0	11.0
24	22.0	20.5	21.0	19.5	13.0	15.0	14.0	10.5	11.5	12.5	10.0	11.0
25	23.0	20.5	21.0	18.5	13.0	14.0	12.0	8.0	10.0	11.5	10.0	10.5
26	22.5	20.0	21.0	19.0	13.0	15.0	11.0	7.5	8.5	11.0	9.0	10.5
27	21.0	20.0	20.5	20.5	13.0	15.5	12.0	8.0	9.0	9.0	6.0	8.0
28	21.5	20.0	21.0	21.0	13.5	17.5	10.5	9.5	10.0	8.5	6.0	6.5
29	20.5	18.5	19.5	20.5	18.5	19.5	12.5	9.0	10.5	8.0	6.0	7.0
30	19.0	18.0	18.5	20.5	18.5	19.5	12.5	8.5	9.5	9.0	6.0	7.0
31	19.5	19.0	19.0	---	---	---	12.0	8.5	10.0	9.5	6.0	7.5
MONTH	24.0	18.0	21.5	22.5	10.0	17.0	19.0	7.5	12.0	14.5	6.0	10.0

021973426 C-00A AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.0	8.5	15.0	12.0	13.0	23.0	16.0	19.0	23.0	18.0	20.0
2	12.0	8.5	10.0	18.0	10.0	13.0	24.0	17.0	19.5	25.5	18.5	20.5
3	13.5	9.5	11.0	18.5	11.5	14.0	23.0	16.5	19.0	23.5	17.5	19.5
4	13.5	10.5	11.5	14.5	11.5	13.0	25.0	17.5	20.0	23.0	17.0	19.0
5	13.0	11.5	12.5	16.5	10.5	12.5	25.0	17.5	20.0	24.0	17.0	20.0
6	14.5	13.0	13.5	17.0	10.5	13.0	24.5	17.5	20.0	24.5	19.0	21.0
7	15.0	12.0	13.0	17.5	10.5	13.0	24.0	17.5	20.0	24.5	19.5	21.5
8	13.0	11.5	12.5	16.5	10.5	13.0	20.0	18.0	19.0	26.5	20.0	22.0
9	14.0	11.5	12.5	18.0	11.0	14.0	19.5	16.0	17.5	25.0	20.5	22.0
10	14.0	12.0	13.0	17.5	13.5	15.5	20.5	15.5	17.0	23.5	19.5	21.0
11	14.0	11.5	13.0	19.5	15.0	16.5	21.0	14.5	17.0	24.5	19.0	21.0
12	15.5	9.5	12.0	20.0	14.5	16.5	19.0	14.5	16.5	23.5	20.0	21.0
13	14.5	8.5	11.0	20.5	16.5	17.5	21.5	15.5	17.5	22.0	20.0	21.0
14	14.0	8.0	10.5	18.0	15.5	16.5	21.0	15.5	17.5	24.5	20.0	21.0
15	13.5	9.5	11.0	20.5	15.0	17.0	20.5	16.0	17.5	25.0	19.5	21.5
16	14.0	8.5	10.5	20.5	15.5	17.0	21.0	15.0	17.5	25.0	20.0	22.0
17	15.5	10.0	12.0	22.0	14.5	17.0	20.0	14.0	16.5	26.5	21.0	23.0
18	18.0	11.5	14.0	18.5	15.0	16.5	19.5	14.5	16.5	26.0	20.5	22.5
19	17.5	13.5	15.0	17.5	16.5	17.0	22.0	15.0	17.5	24.5	21.0	22.5
20	17.5	13.5	15.0	16.5	15.0	16.0	20.5	14.5	17.0	26.5	21.0	23.0
21	20.0	14.0	17.0	17.5	13.0	15.0	21.5	16.5	18.0	27.0	20.0	23.0
22	21.5	17.0	19.0	17.5	12.0	13.5	20.5	15.0	17.0	27.0	19.5	22.5
23	20.5	15.5	17.5	17.5	11.5	13.5	20.5	14.0	16.5	27.0	18.5	22.5
24	20.0	14.0	16.0	18.5	12.0	14.0	21.0	14.0	17.0	27.5	20.5	23.0
25	18.0	12.5	14.5	17.5	10.5	14.0	22.0	14.5	17.5	28.0	21.0	23.5
26	16.5	12.0	13.5	17.5	13.5	15.0	23.0	16.0	18.5	27.0	21.5	24.0
27	18.0	14.0	15.5	19.0	14.0	16.0	23.5	16.5	19.5	26.0	22.5	24.0
28	18.0	12.5	14.5	20.0	13.5	16.0	24.0	17.5	20.0	27.0	22.5	24.0
29	---	---	---	18.5	15.0	16.0	23.5	17.5	19.5	26.0	22.5	23.5
30	---	---	---	20.5	14.5	17.0	24.0	17.5	20.0	30.0	22.5	25.5
31	---	---	---	18.0	14.5	16.5	---	---	---	29.5	23.0	26.0
MONTH	21.5	7.0	13.0	22.0	10.0	15.0	25.0	14.0	18.0	30.0	17.0	22.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.5	23.0	26.5	31.5	25.0	27.5	32.5	26.5	28.5	26.5	22.5	24.0
2	27.5	23.5	26.0	32.5	25.5	28.0	33.0	26.0	28.5	26.0	22.5	24.0
3	26.0	24.0	24.5	32.5	25.5	28.0	31.5	26.0	28.0	28.5	22.5	24.5
4	26.5	23.0	24.5	31.5	25.5	27.5	31.0	26.0	27.5	26.5	23.5	24.5
5	30.0	22.5	25.5	30.0	25.0	27.0	33.0	25.5	28.0	27.5	23.5	25.0
6	29.5	22.5	25.5	31.0	25.5	27.5	31.0	25.0	27.5	26.5	23.5	24.5
7	28.0	23.0	25.0	33.0	25.0	28.0	32.0	25.5	27.5	28.0	23.0	25.0
8	28.5	23.0	25.0	33.5	26.0	28.5	31.0	26.0	27.5	28.5	22.0	24.5
9	28.0	23.0	25.5	33.5	26.0	29.0	32.0	25.5	28.0	26.5	22.0	23.5
10	27.5	23.5	25.0	32.5	26.0	28.5	32.0	25.5	28.0	26.0	22.5	23.5
11	27.5	23.5	25.0	33.5	26.0	29.0	31.0	25.5	27.5	27.5	23.0	24.5
12	28.0	24.0	25.5	30.5	26.0	27.5	29.5	25.5	27.5	27.0	23.5	24.5
13	30.5	24.0	26.5	32.5	25.5	28.0	28.5	25.5	26.5	29.5	23.0	25.0
14	29.5	24.0	26.5	32.5	25.5	28.0	28.0	25.0	26.0	29.5	22.5	24.5
15	28.5	24.5	26.0	33.0	25.5	28.5	31.0	25.0	27.0	28.5	22.0	24.5
16	29.0	24.0	26.0	31.5	26.0	28.5	31.0	25.5	27.5	28.0	22.5	24.5
17	30.0	24.0	26.5	33.0	26.0	28.5	30.5	25.5	27.5	25.0	22.5	23.5
18	27.5	24.0	25.5	32.5	26.5	28.5	30.0	25.5	27.0	26.5	22.0	23.5
19	28.5	24.0	25.5	32.5	26.5	28.5	29.0	25.5	26.5	28.0	22.5	24.5
20	30.5	24.0	26.5	32.5	26.0	28.5	28.0	23.5	25.5	28.0	22.5	24.5
21	30.0	24.5	26.5	30.0	25.5	27.0	29.5	24.0	26.5	29.0	23.0	25.0
22	29.0	23.0	25.5	29.5	25.0	26.5	30.0	24.5	27.0	28.5	22.5	25.0
23	29.0	23.0	25.5	30.0	25.0	27.0	30.0	25.0	27.0	29.0	23.0	25.0
24	29.0	23.5	25.5	30.5	26.0	27.5	30.5	25.0	27.0	30.0	23.0	25.5
25	31.0	23.5	26.5	30.5	26.0	27.0	28.5	25.0	26.5	29.0	23.5	25.5
26	31.0	24.5	26.5	29.5	25.5	27.0	29.5	25.0	27.0	29.5	24.0	26.0
27	33.0	25.0	28.0	30.5	25.5	27.5	31.5	25.5	27.5	30.0	24.0	26.0
28	33.0	26.0	28.0	30.0	25.5	27.5	30.0	24.5	27.0	29.5	24.0	26.0
29	31.0	24.5	27.0	30.5	26.0	27.5	24.0	23.5	24.0	28.5	24.5	26.0
30	31.5	24.5	27.5	33.0	25.5	28.0	23.5	22.0	22.5	29.5	24.0	26.0
31	---	---	---	32.0	25.0	28.0	23.5	22.5	23.0	---	---	---
MONTH	33.0	22.5	26.0	33.5	25.0	28.0	33.0	22.0	27.0	30.0	22.0	25.0
YEAR	33.5	6.0	19.5									

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'21'', long 81°43'26'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream side of bridge on SRP Road A-12.2, 500 ft northwest of SRP Road A-13, 1.0 mi southeast of Area D.

DRAINAGE AREA.--22.0 mi².

PERIOD OF RECORD.--November 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 903 ft³/s, Mar. 13, 1980, gage height, 3.93 ft; minimum daily, 29 ft³/s, Aug. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 415 ft³/s, Oct. 24, gage height, 3.07 ft; minimum daily, 24 ft³/s, Aug. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	87	70	44	58	32	79	49	41	29	26	39
2	54	70	58	44	58	31	61	50	46	29	25	39
3	54	69	52	44	56	31	36	52	50	27	25	38
4	46	76	45	44	56	41	36	53	54	30	24	34
5	51	62	49	44	64	41	36	54	49	27	28	35
6	46	56	48	44	74	42	36	57	49	29	29	40
7	48	54	44	44	75	37	36	59	68	29	41	39
8	45	53	45	44	60	35	70	59	64	27	38	38
9	46	57	44	44	58	39	72	61	70	26	33	38
10	47	63	44	63	57	39	62	60	77	27	31	40
11	52	57	44	145	99	39	46	60	222	27	31	42
12	49	54	60	140	48	39	46	66	118	35	32	40
13	48	55	138	134	40	43	47	114	55	30	36	37
14	47	51	85	133	38	76	47	84	43	28	54	34
15	50	50	57	135	43	59	49	65	41	30	59	32
16	51	47	53	135	45	41	48	62	40	30	36	41
17	47	45	51	134	45	39	49	61	39	32	34	40
18	46	45	49	137	44	49	56	61	37	31	34	42
19	54	45	48	140	37	86	46	74	40	30	35	38
20	67	48	48	136	43	108	46	67	51	27	80	37
21	74	57	47	135	36	71	48	50	40	30	201	36
22	53	209	46	135	30	48	48	47	40	39	62	36
23	158	105	46	135	34	46	48	44	44	43	42	34
24	329	59	46	107	32	46	48	51	46	40	38	33
25	65	53	46	53	34	47	48	51	47	37	36	38
26	67	51	44	57	36	46	48	54	32	39	35	39
27	53	51	45	60	42	47	49	46	28	35	33	37
28	55	50	47	57	36	46	49	52	27	30	36	36
29	63	64	47	58	---	67	50	77	29	28	38	37
30	49	98	45	58	---	52	60	76	31	26	38	39
31	81	---	45	57	---	68	---	38	---	26	41	---
TOTAL	2039	1941	1636	2740	1378	1531	1500	1854	1618	953	1331	1128
MEAN	65.8	64.7	52.8	88.4	49.2	49.4	50.0	59.8	53.9	30.7	42.9	37.6
MAX	329	209	138	145	99	108	79	114	222	43	201	42
MIN	44	45	44	44	30	31	36	38	27	26	24	32

CAL YR 1985 TOTAL 80633 MEAN 221 MAX 547 MIN 40
WTR YR 1986 TOTAL 19649 MEAN 53.8 MAX 329 MIN 24

02197345 K-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'40'', long 81°40'28'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRP Road 8, 0.5 mi west of K-Area.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated completely by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 554 ft³/s, Oct. 2, 1985, gage height, 3.45 ft; minimum daily, 20 ft³/s, Jan. 23, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 554 ft³/s, Oct. 2, gage height, 3.45 ft; minimum daily, 20 ft³/s, Jan. 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	468	426	438	448	43	89	461	466	449	468	470	470
2	474	451	427	447	42	73	466	462	460	475	487	474
3	480	460	436	446	43	81	471	466	466	475	475	475
4	468	459	445	443	43	98	473	471	461	474	474	474
5	437	457	449	449	56	87	472	489	461	470	474	472
6	448	453	456	349	52	245	473	478	468	190	482	473
7	458	454	452	211	53	452	470	474	465	110	468	475
8	460	451	454	198	64	452	466	470	466	93	158	472
9	459	451	466	204	67	450	465	474	467	91	132	471
10	463	449	459	207	43	446	466	477	469	97	129	475
11	459	452	471	202	43	450	462	475	466	96	171	310
12	461	451	464	193	56	451	462	475	467	91	210	113
13	461	454	461	200	49	455	467	469	467	277	109	137
14	380	454	465	135	47	464	355	465	464	474	124	369
15	190	454	455	92	47	462	148	476	470	472	112	466
16	187	453	455	67	53	463	140	480	468	475	121	478
17	185	455	449	74	72	471	212	476	468	479	115	485
18	415	329	450	71	68	467	457	473	469	473	107	483
19	427	167	452	54	72	474	461	468	469	479	121	480
20	437	164	454	41	70	481	461	464	468	364	195	469
21	456	164	445	37	62	474	462	466	476	130	226	473
22	464	162	425	26	70	477	471	464	471	116	167	473
23	438	162	427	20	76	474	476	464	470	432	156	485
24	447	408	439	29	79	473	476	467	469	463	156	482
25	450	425	440	42	81	473	470	471	472	472	150	478
26	462	434	443	37	75	466	432	455	429	482	128	477
27	454	434	449	28	76	432	213	242	166	493	119	474
28	451	433	452	24	81	268	190	141	151	475	121	475
29	457	433	451	28	---	226	377	132	146	473	395	483
30	360	444	452	21	---	228	460	126	441	475	467	486
31	312	---	451	21	---	323	---	355	---	473	468	---
TOTAL	12968	11843	13932	4844	1683	11425	12335	13231	12999	11107	7687	13307
MEAN	418	395	449	156	60.1	369	411	427	433	358	248	444
MAX	480	460	471	449	81	481	476	489	476	493	487	486
MIN	185	162	425	20	42	73	140	126	146	91	107	113

CAL YR 1985 TOTAL 148464 MEAN 407 MAX 480 MIN 51
WTR YR 1986 TOTAL 127361 MEAN 349 MAX 493 MIN 20

02197345 K-011 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 71.5°C, Jun. 11-12, 1986; minimum 6.0°C, Jan. 28, 29, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 71.5°C Jun. 11-12; minimum, 6.0°C, Jan. 28-29.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	64.5	61.0	63.5	47.0	20.0	24.5	65.0	20.0	42.5	65.5	64.5	65.0
2	64.5	57.5	63.0	65.5	47.5	57.5	56.0	19.5	29.5	65.0	64.5	65.0
3	64.0	61.5	62.5	67.0	62.5	66.0	63.5	57.5	61.5	65.0	64.5	65.0
4	64.0	62.0	63.5	67.0	66.0	66.5	65.0	61.5	64.0	65.0	64.5	65.0
5	64.0	19.0	24.0	66.5	64.0	66.0	65.0	64.0	64.5	64.5	63.5	64.0
6	58.5	28.0	51.5	67.5	66.0	67.0	64.5	61.0	63.5	63.0	10.5	18.0
7	68.5	55.0	64.0	67.5	66.5	67.0	65.0	64.5	64.5	11.0	10.5	10.5
8	68.5	67.5	68.0	67.5	67.0	67.5	65.0	63.0	64.0	10.5	9.5	9.5
9	69.0	67.5	68.5	67.5	66.0	67.0	64.0	63.0	63.5	9.5	9.0	9.0
10	68.5	67.5	68.0	68.0	67.5	68.0	65.0	63.5	64.5	9.5	9.5	9.5
11	69.0	67.0	68.5	68.0	67.5	68.0	65.0	62.5	63.5	9.5	9.0	9.5
12	69.0	69.0	69.0	68.5	68.0	68.0	65.0	63.5	64.5	9.5	9.0	9.5
13	69.5	69.0	69.5	68.5	67.5	68.0	66.0	63.0	65.0	10.0	9.5	9.5
14	69.5	24.0	30.5	68.0	67.0	68.0	64.5	64.0	64.0	10.5	9.0	9.5
15	24.5	24.0	24.0	68.0	66.0	68.0	65.5	64.0	64.5	10.5	9.5	10.0
16	24.5	24.0	24.0	68.5	68.0	68.0	64.5	63.0	64.0	11.5	9.0	10.5
17	24.0	24.0	24.0	68.0	68.0	68.0	65.5	64.5	65.0	11.5	10.0	11.0
18	24.0	23.5	23.5	68.0	21.5	28.0	65.0	64.0	64.5	12.0	11.0	11.5
19	23.5	23.0	23.0	21.5	21.0	21.5	65.5	64.0	64.5	13.0	11.5	12.5
20	50.5	23.0	40.5	21.5	21.5	21.5	65.0	63.5	64.0	13.0	11.0	12.0
21	67.0	50.0	64.5	21.5	21.5	21.5	65.0	64.5	65.0	13.0	10.5	11.5
22	67.0	65.0	56.5	21.5	20.0	20.5	64.5	12.0	16.5	14.5	11.0	12.5
23	67.5	22.5	47.0	20.0	19.0	19.5	60.0	12.0	35.5	13.5	12.0	13.0
24	49.5	22.0	29.5	19.0	18.0	18.5	63.5	60.0	63.0	13.0	10.5	11.5
25	67.5	49.5	62.5	43.0	18.0	21.5	64.5	62.0	63.0	12.5	10.5	11.0
26	68.5	66.5	67.0	61.0	43.5	51.0	65.0	63.5	64.5	11.5	9.5	10.5
27	68.0	66.5	67.5	61.0	19.0	29.5	64.0	63.5	64.0	10.0	8.0	9.0
28	68.5	68.0	68.0	20.0	19.0	19.5	64.0	62.5	63.0	9.5	6.0	7.5
29	68.0	66.5	67.0	58.5	20.0	40.0	63.5	63.0	63.0	9.5	6.0	8.0
30	66.5	20.0	36.0	65.0	59.0	61.5	64.0	63.0	63.5	10.5	8.0	9.0
31	20.0	19.5	20.0	---	---	---	65.0	64.0	64.0	11.0	8.0	9.0
MONTH	69.5	19.0	51.0	68.5	18.0	49.0	66.0	12.0	59.5	65.5	6.0	19.5

02197345 K-011, AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.5	9.0	12.5	11.5	12.0	18.5	17.5	18.0	63.5	24.5	46.0
2	11.5	9.5	10.5	12.5	11.0	11.5	27.0	18.0	19.5	31.0	23.0	25.5
3	12.5	10.5	11.5	13.0	11.0	12.0	59.5	27.0	51.0	60.5	30.5	45.5
4	13.0	11.5	12.0	12.0	11.5	11.5	63.0	59.5	61.0	61.5	56.5	59.5
5	13.0	12.5	13.0	12.0	11.0	11.5	65.5	63.5	65.0	64.5	55.5	59.0
6	13.5	12.5	13.0	12.5	11.5	12.0	66.0	65.0	65.5	67.0	64.5	65.5
7	13.5	12.0	12.5	13.0	12.0	12.5	66.5	65.5	66.0	67.5	66.0	67.0
8	12.0	11.0	11.5	13.0	12.5	13.0	67.5	66.5	67.0	68.5	67.0	67.5
9	12.0	10.5	11.5	13.5	12.5	13.0	67.0	66.0	66.5	58.5	66.5	68.0
10	12.0	11.5	12.0	14.0	13.5	14.0	66.5	66.0	66.0	68.0	67.0	67.5
11	12.5	11.5	12.0	16.0	14.0	14.5	66.5	66.0	66.5	68.5	67.5	68.0
12	12.0	10.0	11.0	43.0	16.5	27.0	66.5	65.5	66.5	69.0	68.0	68.5
13	11.0	9.5	10.0	53.5	43.5	45.5	67.0	65.5	66.0	69.0	68.0	68.5
14	10.5	9.0	9.5	55.5	54.0	55.0	67.0	21.5	37.0	70.0	68.0	69.0
15	11.0	9.5	10.0	59.0	55.5	57.5	21.0	20.0	21.0	69.0	68.0	68.5
16	11.5	9.5	10.5	60.5	59.0	60.0	20.5	19.0	20.0	68.5	68.0	68.0
17	12.0	10.0	11.0	60.5	58.5	60.0	19.5	18.0	19.0	69.0	68.0	68.5
18	13.5	12.0	12.5	62.0	60.5	61.0	18.5	18.0	18.0	69.5	68.0	69.0
19	13.5	12.5	13.0	61.5	59.0	60.5	18.5	18.0	18.5	70.5	67.5	69.0
20	14.5	13.0	13.5	60.0	59.0	59.5	19.0	18.0	18.5	71.0	70.0	70.5
21	15.0	13.5	14.0	60.0	58.5	59.5	45.5	19.0	27.5	70.5	67.5	69.5
22	15.0	14.0	14.5	60.5	60.0	60.5	59.0	45.5	54.5	70.0	68.0	69.5
23	15.0	14.0	14.5	61.0	60.0	60.5	60.0	58.5	59.5	69.5	68.5	69.0
24	15.0	13.5	14.0	62.0	60.5	61.0	63.0	58.5	60.0	69.5	68.5	69.0
25	13.5	12.5	13.0	62.5	61.5	62.0	65.0	63.5	64.0	70.0	69.0	69.5
26	13.5	12.5	13.0	64.0	62.5	63.5	65.0	23.5	48.5	70.0	27.0	55.5
27	13.5	12.5	13.0	64.0	18.5	43.0	23.0	22.0	22.0	26.5	25.0	26.0
28	13.0	12.5	12.5	18.0	17.5	17.5	22.5	21.5	22.0	25.5	24.5	25.0
29	---	---	---	17.5	17.0	17.5	23.0	22.0	22.5	25.5	24.5	24.5
30	---	---	---	17.5	17.0	17.5	49.0	22.5	35.5	24.5	23.5	24.0
31	---	---	---	18.0	17.0	17.5	---	---	---	24.0	23.0	23.5
MONTH	15.0	7.5	12.0	64.0	11.0	35.5	67.5	17.5	44.0	71.0	23.0	57.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	33	20	24.5	---	---	---	52.0	29.0	47.0
2	---	---	---	60	30	54.5	---	---	---	64.5	52.0	62.5
3	---	---	---	---	---	---	---	---	---	66.0	64.0	64.5
4	---	---	---	---	---	---	69.5	67.0	69.0	69.5	65.0	68.0
5	69.0	21.0	45.5	---	---	---	69.5	68.0	69.0	70.0	68.0	69.0
6	69.0	68.5	69.0	---	---	---	70.0	21.5	66.0	69.5	68.0	69.0
7	69.5	68.5	69.0	---	---	---	21.0	20.0	20.5	69.5	68.0	69.0
8	70.0	68.5	69.0	---	---	---	21.0	19.0	20.5	70.0	69.0	69.5
9	70.5	69.5	70.0	---	---	---	21.0	20.0	20.5	70.5	69.0	69.5
10	71.0	69.0	70.0	---	---	---	21.5	20.0	20.5	70.0	62.0	68.5
11	71.5	70.0	71.0	---	---	---	21.0	20.0	20.5	69.5	20.0	29.5
12	71.5	70.0	70.5	---	---	---	21.5	20.5	21.0	21.5	20.0	21.0
13	71.0	21.5	44.5	---	---	---	22.5	20.5	21.5	21.5	20.0	20.5
14	69.0	21.5	43.0	---	---	---	21.0	20.5	21.0	23.5	20.0	22.0
15	70.0	63.5	69.5	---	---	---	21.0	19.5	20.0	32.5	20.0	23.0
16	70.0	68.5	69.5	---	---	---	20.5	19.5	20.0	63.5	32.5	55.0
17	71.0	62.5	69.0	---	---	---	21.0	19.5	20.5	68.0	61.0	64.0
18	71.0	70.0	70.5	---	---	---	22.0	19.5	21.0	69.0	60.0	65.5
19	70.5	70.0	70.5	---	---	---	22.0	20.5	21.0	69.0	62.0	65.0
20	70.5	69.0	70.0	---	---	---	21.0	19.5	21.0	69.0	68.0	68.5
21	70.0	68.0	69.0	---	---	---	21.0	19.5	20.0	69.0	68.0	68.5
22	70.5	68.0	70.0	---	---	---	22.5	19.5	19.5	69.5	68.0	69.0
23	70.5	68.0	70.0	---	---	---	22.5	19.5	21.0	69.5	61.5	67.5
24	70.5	68.0	69.5	---	---	---	21.0	19.5	20.5	69.5	63.0	66.0
25	70.5	63.5	69.5	---	---	---	21.0	19.5	20.5	69.5	63.0	69.0
26	69.0	20.0	36.0	---	---	---	21.5	19.5	20.5	69.5	63.0	68.5
27	23.5	20.0	23.0	---	---	---	23.0	21.0	22.0	70.0	63.5	68.5
28	23.5	20.0	21.5	---	---	---	22.5	21.0	22.0	70.5	68.0	69.5
29	180	140	165	270	120	151	120	100	106	480	130	256
30	190	130	162	310	120	176	110	90	103	300	120	184
31	---	---	---	210	120	155	140	90	105	---	---	---
MONTH	71.5	20.0	58.0	60	20	39.5	70.0	19.0	26.0	70.5	20.0	59.0
YEAR	71.5	6.0	43.0									

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12", long 81°38'51", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream wingwall of culvert on SRP Road B, 1.2 mi west of SRP Road 7, 1.9 mi above Indian Grave Branch.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 160 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Record good, Except for estimated daily discharges, Jun. 29 to Aug. 4, and those above 100 ft³/s, or below 1.2 ft³/s, which are poor. Some regulation by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, May 28, 1984, gage height, 5.31 ft; minimum daily, 0.70 ft³/s, Aug. 3, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Nov. 22, gage height, 4.59 ft; minimum daily, 0.70 ft³/s, Aug. 3, 1986.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	8.1	10	5.5	4.8	4.5	5.6	3.1	2.3	.90	.83	3.7
2	5.9	4.8	7.3	5.3	4.8	4.7	5.1	2.9	2.2	.80	.76	2.6
3	3.9	4.1	5.6	5.5	4.8	6.6	5.1	2.9	2.3	1.2	.70	2.3
4	3.2	5.5	5.4	5.6	4.8	4.7	5.1	2.8	2.6	1.1	3.8	2.2
5	[illegible]	6.4	5.7	5.5	7.2	5.0	5.1	2.8	2.6	.98	4.5	2.3
6	3.2	2.7	6.3	5.3	14	4.8	5.1	2.7	2.3	.93	2.7	3.1
7	3.2	2.6	5.3	5.0	10	4.7	5.1	2.8	2.2	.90	7.1	3.1
8	3.0	2.8	5.1	4.8	6.9	4.7	5.3	2.9	2.1	.91	2.3	2.9
9	3.0	3.0	4.8	4.7	5.9	4.8	6.0	2.9	1.9	.93	1.7	3.0
10	2.9	3.1	4.8	5.7	16	5.6	5.2	2.8	8.9	.95	1.9	3.0
11	3.0	3.2	5.1	8.1	33	5.2	5.1	2.7	60	1.0	1.4	2.1
12	2.9	5.0	12	5.4	10	5.4	4.9	3.4	4.9	1.1	1.2	1.7
13	2.8	6.1	45	4.8	7.7	8.8	4.7	17	3.2	1.2	1.9	1.8
14	2.2	4.3	12	4.6	6.8	26	4.2	5.1	2.5	1.2	17	1.6
15	1.9	4.0	8.3	4.5	6.8	12	3.7	4.2	2.0	1.1	7.4	1.7
16	1.8	3.9	7.1	4.5	6.4	7.8	3.6	3.5	2.2	1.2	2.6	2.2
17	1.8	3.9	6.7	4.7	6.2	6.6	3.4	3.2	2.2	1.3	1.4	2.2
18	1.8	3.8	6.2	4.6	6.2	6.6	4.1	2.7	2.0	1.2	1.4	2.7
19	2.2	3.9	6.0	5.3	6.2	11	4.2	2.9	1.5	1.1	2.4	2.7
20	2.6	4.4	5.9	4.8	6.0	17	4.0	2.8	4.8	.97	44	2.3
21	2.6	7.5	5.8	4.7	8.0	11	4.1	2.3	1.9	1.1	47	1.3
22	3.0	153	5.7	5.0	5.8	7.7	4.0	2.5	1.5	1.3	5.4	1.3
23	3.3	12	5.8	5.7	5.0	6.9	3.9	2.5	1.5	1.2	3.4	1.3
24	5.5	7.0	5.6	5.1	6.6	6.6	4.0	2.4	1.4	1.1	2.5	1.5
25	2.1	5.8	5.3	5.2	5.2	6.3	3.9	2.3	2.3	1.7	2.1	2.5
26	2.1	5.4	4.8	6.3	4.9	6.1	3.8	2.4	1.7	1.8	2.1	2.1
27	2.6	5.0	5.2	5.8	7.6	6.2	3.2	1.7	1.3	1.2	1.8	2.7
28	3.4	4.7	5.5	5.0	5.3	5.9	3.0	1.6	1.2	1.1	2.4	3.2
29	3.3	6.8	5.8	5.3	---	5.7	2.9	2.4	1.1	1.0	3.6	3.2
30	2.7	14	5.1	5.5	---	5.7	2.5	2.0	1.0	.96	4.3	3.3
31	8.1	---	5.3	5.0	---	5.5	---	2.4	---	.89	5.2	---
TOTAL	96.0	306.8	234.5	162.8	222.9	230.1	129.9	100.6	129.6	34.32	186.79	71.6
MEAN	3.10	10.2	7.56	5.25	7.96	7.42	4.33	3.25	4.32	1.11	6.03	2.39
MAX	8.1	153	45	8.1	33	26	6.0	17	60	1.8	47	3.7
MIN	1.8	2.6	4.8	4.5	4.8	4.5	2.5	1.6	1.0	.80	.70	1.3

CAL YR 1985	TOTAL	2007.9	MEAN	5.50	MAX	153	MIN	1.1
WTR YR 1986	TOTAL	1905.91	MEAN	5.22	MAX	153	MIN	.70

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 28°C, Jul. 18-20, 1986; minimum, 1.5°C, Jan. 21, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28°C, Jul. 18-20; minimum, 2.5°C, Jan. 9, 28.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.0	18.5	20.0	19.5	18.0	19.0	18.0	16.5	17.0	11.5	9.5	10.0
2	21.5	20.5	21.0	19.5	19.0	19.0	16.5	13.5	15.5	11.5	8.5	10.0
3	23.0	21.0	22.0	19.0	18.0	18.5	13.0	10.5	11.5	13.0	11.0	12.0
4	23.0	21.5	22.5	19.0	16.0	18.0	11.5	9.0	10.5	12.0	10.5	11.0
5	22.5	19.5	21.5	16.0	14.0	15.0	10.5	9.5	10.0	11.0	7.5	10.0
6	19.0	16.0	17.5	16.0	13.5	15.0	10.5	8.5	9.5	9.5	6.0	8.0
7	18.0	14.5	16.0	16.0	12.5	14.5	10.5	8.0	9.0	8.5	7.0	7.5
8	18.5	15.5	17.0	16.0	13.5	15.0	11.0	8.0	9.5	6.5	4.0	6.0
9	20.0	17.5	18.5	15.5	11.5	13.5	11.5	9.0	10.0	6.0	2.5	4.5
10	20.5	18.0	20.0	17.0	13.5	15.5	13.0	8.5	10.5	7.0	6.0	6.5
11	21.5	20.5	21.0	18.0	15.5	16.5	13.0	11.5	13.0	8.5	6.0	7.0
12	21.5	20.5	21.0	18.0	17.0	17.5	15.5	14.0	15.0	8.5	5.0	7.0
13	22.0	20.0	21.0	19.0	18.0	18.5	16.5	15.5	16.0	8.0	6.0	7.0
14	22.0	19.5	21.0	20.0	18.0	19.0	16.0	11.0	13.0	7.5	4.0	6.0
15	22.5	20.0	21.0	20.0	17.5	19.0	10.5	8.0	9.0	7.5	5.0	6.0
16	22.5	20.5	21.5	19.5	18.5	19.0	9.0	7.0	8.0	9.0	5.0	7.0
17	22.5	21.0	21.5	20.5	19.0	19.5	9.0	7.0	8.0	10.5	7.5	9.0
18	22.0	20.0	21.0	20.0	18.0	19.0	9.5	7.5	8.5	12.5	9.5	11.0
19	22.0	20.0	21.0	21.0	18.5	20.0	9.5	7.5	8.5	13.5	10.5	12.0
20	22.5	20.5	21.0	21.0	20.0	20.5	9.0	7.0	8.0	11.0	9.0	10.0
21	22.0	20.0	21.0	20.5	20.5	20.5	8.0	6.5	7.5	10.5	7.0	9.0
22	21.0	19.5	20.0	20.5	17.0	18.0	7.5	5.0	6.5	13.0	7.5	10.5
23	20.5	19.0	19.5	17.0	15.5	16.5	9.5	6.5	8.0	12.5	10.0	11.5
24	21.0	19.0	20.0	16.5	14.5	15.5	11.5	9.0	10.0	11.0	8.5	9.5
25	21.0	19.0	20.0	16.5	15.0	16.0	10.5	6.5	9.0	10.5	8.5	9.5
26	20.5	19.0	19.5	18.5	16.5	17.5	6.5	4.0	5.0	9.5	8.0	9.5
27	19.5	18.0	18.5	19.0	17.0	18.0	8.0	4.0	6.0	8.0	3.5	6.0
28	20.0	19.0	19.5	19.5	17.5	18.5	8.5	7.0	7.5	5.5	2.5	4.0
29	20.0	17.0	18.0	19.5	18.5	19.0	10.0	8.5	9.0	8.5	4.5	6.5
30	17.0	16.0	16.5	19.5	18.0	19.0	9.0	7.0	8.0	8.5	5.0	7.0
31	18.0	17.0	17.5	---	---	---	9.5	6.0	8.0	10.5	6.0	8.0
MONTH	23.0	14.5	20.0	21.0	11.5	17.5	18.0	4.0	10.0	13.5	2.5	8.5

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	7.0	9.5	11.0	8.0	10.0	21.0	15.0	18.0	22.5	17.0	20.0
2	14.0	9.5	11.5	11.0	6.0	8.5	21.0	15.5	18.5	22.5	18.0	20.0
3	15.0	10.5	12.5	14.5	9.0	11.5	21.0	16.0	18.5	20.5	17.0	18.5
4	16.0	12.0	14.0	12.5	10.5	11.5	22.5	17.5	20.0	19.5	14.0	17.0
5	14.5	13.5	14.0	13.5	9.0	11.0	22.5	17.5	20.0	20.5	15.0	18.0
6	14.5	14.0	14.0	14.5	9.5	11.5	22.5	18.0	20.5	22.0	17.5	20.0
7	15.0	12.5	13.5	15.0	9.5	12.0	22.5	18.5	20.5	23.0	19.5	21.0
8	13.0	11.5	12.0	14.0	10.0	12.0	21.0	18.5	20.0	23.5	19.0	21.0
9	13.5	10.0	12.0	16.5	10.0	13.0	20.0	16.5	18.5	23.0	19.5	21.0
10	12.5	12.0	12.5	17.0	13.5	15.5	18.0	14.0	16.0	20.5	18.0	19.5
11	12.5	11.0	12.0	19.5	15.5	17.0	18.5	13.0	16.0	21.0	15.5	18.5
12	11.0	8.5	10.0	20.0	15.5	18.0	17.5	14.0	16.0	21.5	19.0	20.0
13	9.5	7.0	8.5	21.0	17.0	19.0	20.0	15.5	18.0	20.5	18.0	19.5
14	10.0	6.0	8.0	17.5	15.5	16.5	20.0	15.5	18.0	20.5	19.0	20.0
15	12.0	9.0	10.0	18.0	14.0	16.0	19.5	17.0	18.0	21.5	18.5	20.0
16	13.0	8.0	10.5	18.0	15.0	16.5	19.0	15.5	17.0	21.5	19.0	20.5
17	15.0	10.0	12.5	18.5	14.0	16.5	17.0	13.0	15.0	23.0	20.0	21.5
18	17.0	13.0	14.5	19.0	15.0	17.0	18.5	13.0	16.0	23.5	19.5	21.5
19	17.0	14.0	15.5	18.5	17.0	18.0	19.5	15.5	17.5	22.5	21.0	21.5
20	18.5	14.0	16.0	17.0	14.0	15.5	19.0	15.0	17.5	22.5	20.0	21.5
21	18.5	15.0	16.5	14.5	12.0	13.5	20.5	18.0	19.0	21.5	18.5	20.0
22	18.0	15.5	17.0	13.5	9.0	11.5	18.5	15.5	17.0	21.5	17.0	19.0
23	17.0	14.0	16.0	14.5	8.0	11.5	17.0	12.5	15.0	22.0	16.5	19.5
24	15.5	12.5	14.0	16.5	10.0	13.5	18.0	12.0	15.0	23.0	18.5	21.0
25	14.0	11.5	12.5	17.5	12.0	15.0	19.5	13.0	16.5	24.0	19.5	22.0
26	12.5	9.0	11.0	18.5	14.5	16.5	21.0	16.0	18.5	24.0	21.5	22.5
27	14.5	11.5	13.0	19.0	14.5	17.0	22.0	17.0	19.5	23.5	22.0	22.5
28	13.0	11.0	12.0	19.5	14.5	17.0	22.5	18.0	20.5	24.5	21.5	23.0
29	---	---	---	19.0	13.0	16.0	22.5	18.0	20.0	24.5	22.5	23.5
30	---	---	---	19.5	13.5	17.0	22.0	16.5	19.5	25.5	22.0	23.5
31	---	---	---	20.5	14.5	17.5	---	---	---	24.5	21.5	23.0
MONTH	18.5	6.0	12.5	21.0	6.0	14.5	22.5	12.0	18.0	25.5	14.0	20.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.0	21.5	23.0	27.0	24.0	25.5	27.5	24.0	25.5	21.0	19.0	20.0
2	24.5	21.5	23.0	27.5	24.0	25.5	27.0	24.0	25.5	22.0	20.5	21.0
3	23.0	22.0	22.5	26.0	23.5	24.5	26.0	24.0	25.0	23.0	21.0	22.0
4	23.0	20.5	22.0	25.0	21.5	23.5	26.0	23.5	24.5	23.0	22.0	22.5
5	24.0	21.0	22.0	24.0	22.0	23.5	25.0	23.0	24.0	23.5	22.5	23.0
6	24.0	20.5	22.5	26.0	22.5	24.0	25.5	23.0	24.0	23.0	22.0	22.5
7	24.5	21.0	22.5	26.5	23.0	25.0	25.0	23.0	24.0	23.5	21.5	22.5
8	25.0	21.5	23.0	27.5	24.0	25.5	25.5	23.0	24.0	23.0	20.0	21.5
9	26.0	21.5	23.5	27.5	24.0	26.0	26.0	22.5	24.0	22.5	21.0	21.5
10	24.5	22.5	23.5	27.5	24.5	26.0	26.0	23.0	24.5	22.5	21.5	22.0
11	25.5	22.0	23.5	27.5	24.5	26.0	26.5	24.0	25.0	24.0	21.5	22.5
12	25.5	23.0	24.5	27.5	24.5	26.0	26.0	24.0	25.0	24.0	22.5	23.5
13	25.5	23.0	24.0	27.5	24.5	26.0	25.5	24.0	24.5	24.0	22.0	23.0
14	24.5	21.0	23.0	27.5	24.0	26.0	24.0	23.5	24.0	23.5	21.0	22.0
15	24.0	22.0	23.0	27.5	24.0	25.5	24.5	23.0	24.0	23.0	19.5	21.0
16	24.5	22.0	23.0	27.0	24.0	25.5	26.0	23.5	24.5	23.0	20.5	21.5
17	25.0	21.5	23.0	27.5	24.0	25.5	26.0	23.5	24.5	22.0	20.5	21.5
18	24.0	22.0	23.0	28.0	24.5	26.0	26.0	23.0	24.5	22.0	20.0	21.0
19	25.0	22.0	23.5	28.0	24.5	26.5	25.0	23.0	24.0	22.5	20.5	21.5
20	25.0	23.0	24.0	28.0	24.5	26.5	24.5	23.0	23.5	23.0	20.5	21.5
21	26.0	23.5	24.5	27.5	24.5	25.5	24.0	22.5	23.0	24.0	21.5	22.5
22	25.0	21.5	23.5	27.0	24.5	25.5	24.5	22.5	24.0	24.0	21.5	22.5
23	25.5	21.5	23.5	27.0	24.0	25.5	25.5	23.5	24.5	24.0	21.5	22.5
24	26.0	22.0	24.0	27.5	25.0	26.0	25.5	23.5	24.5	24.0	21.5	22.5
25	26.0	23.0	24.5	27.0	24.0	25.5	25.0	24.0	24.5	23.5	21.0	22.5
26	26.0	23.5	24.5	26.0	23.5	24.5	25.0	22.5	24.0	24.0	21.5	22.5
27	27.0	24.0	25.5	26.5	23.5	25.0	26.0	23.5	24.5	24.0	22.0	23.0
28	27.0	24.0	25.5	26.5	24.0	25.5	25.0	21.5	23.5	23.5	21.5	22.5
29	26.5	24.0	25.0	27.0	24.5	25.5	21.5	20.0	20.5	24.0	22.0	23.0
30	26.5	23.0	25.0	27.0	23.5	25.0	20.0	18.5	19.0	23.5	21.5	22.5
31	---	---	---	26.0	22.0	24.0	19.0	18.5	18.5	---	---	---
MONTH	27.0	20.5	23.5	28.0	21.5	25.5	27.5	18.5	24.0	24.0	19.0	22.0
YEAR	28.0	2.5	18.0									

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'34", long 81°41'08", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream side of bridge on SRP Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRP Roads A-17 and A-17.1.

DRAINAGE AREA.--2[illegible].2 mi².

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Jul. 9-13 which are fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 948 ft³/s, Mar. 13, 1980, gage height, 3.81 ft; minimum daily, 21 ft³/s, Aug. 4, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 555 ft³/s, Dec. 13, gage height, 3.06 ft; minimum daily, 50 ft³/s, Jul. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	415	410	406	421	76	92	381	373	363	365	376	390
2	436	409	394	421	76	85	380	374	372	370	391	385
3	434	402	387	421	76	86	376	372	372	368	384	387
4	421	404	407	419	76	95	379	372	368	368	386	385
5	419	400	409	426	85	88	377	395	369	364	397	382
6	420	394	418	375	96	179	379	388	366	201	402	383
7	416	391	410	254	94	386	379	381	364	102	410	384
8	411	388	410	227	91	384	376	380	367	66	196	382
9	409	388	417	231	93	379	378	379	369	58	145	390
10	412	385	413	246	96	375	378	386	376	54	145	382
11	412	385	431	246	140	377	375	386	425	52	161	304
12	408	389	443	220	93	380	377	390	381	50	206	149
13	408	399	522	231	90	388	382	406	377	166	142	154
14	392	396	460	169	86	435	330	383	372	361	154	278
15	205	394	434	117	85	407	138	383	371	358	145	374
16	200	390	427	105	85	390	127	391	368	357	142	382
17	198	392	419	108	90	392	148	388	367	371	144	386
18	360	334	418	106	87	389	372	385	366	357	142	383
19	398	180	417	102	90	410	377	381	367	362	142	389
20	406	176	422	101	88	440	378	377	370	309	203	378
21	402	180	412	97	84	406	379	378	375	128	256	377
22	405	308	414	92	85	397	374	376	370	127	169	376
23	398	201	419	88	85	392	379	376	368	310	149	385
24	417	352	416	85	89	388	381	379	369	360	147	386
25	402	396	414	86	91	386	374	379	374	362	147	382
26	399	389	415	87	85	381	373	380	370	374	144	383
27	394	386	421	86	87	374	191	231	149	388	142	380
28	397	393	427	86	87	247	165	133	135	375	142	379
29	398	394	428	81	---	198	284	127	131	377	304	386
30	362	413	425	80	---	199	368	123	322	384	394	392
31	302	---	425	79	---	251	---	267	---	380	396	---
TOTAL	11856	10818	13080	5893	2486	9776	10055	10824	10413	8624	7203	10843
MEAN	382	361	422	190	88.8	315	335	349	347	278	232	361
MAX	436	413	522	426	140	440	382	406	425	388	410	392
MIN	198	176	387	79	76	85	127	123	131	50	142	149

CAL YR 1985	TOTAL	133828	MEAN	367	MAX	522	MIN	62
WTR YR 1986	TOTAL	111871	MEAN	306	MAX	522	MIN	50

02197351 P-013 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'53'', long 81°35'06'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Steel Creek at right bank 2000 ft. downstream of SRP Road F and 0.5 mi west of P-Area.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Jun. 5-30. Records poor. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 144 ft³/s, Mar. 31, 1985, gage height, 2.40 ft; minimum daily, 0.26 ft³/s, May 3-5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 114 ft³/s, Jul. 11, gage height, 2.22 ft; minimum daily, 0.30 ft³/s, Jul. 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	.82	1.4	3.1	1.2	1.1	1.0	1.2	1.0	.40	.41	.96
2	.86	.80	1.2	3.3	1.1	1.1	1.1	1.1	.71	.75	.41	.98
3	.66	.87	1.1	2.1	1.1	.99	.99	1.0	.77	.96	.51	.99
4	.99	.93	.72	1.4	1.2	.96	1.1	1.0	.91	.63	.77	1.0
5	1.1	1.0	.80	1.4	1.2	1.1	1.1	1.1	.46	.80	.50	1.0
6	1.1	1.1	.79	1.5	1.7	1.0	1.0	1.2	1.7	.78	.85	1.0
7	1.3	1.2	.87	1.6	1.2	1.7	1.0	1.0	.64	.83	.60	.97
8	1.6	1.7	.95	1.4	1.2	1.6	.97	1.0	.80	48	.77	1.0
9	1.7	2.2	.98	1.4	1.2	1.6	.84	.90	1.1	95	.85	.99
10	1.7	2.4	1.1	1.6	2.9	1.5	.82	.79	.72	69	.57	1.0
11	1.8	2.5	.59	1.2	2.2	2.0	.85	.75	.87	89	.91	1.0
12	2.3	3.8	1.8	1.2	.86	2.1	.78	1.0	.96	72	1.0	1.0
13	2.7	3.3	2.4	1.2	.79	2.8	.73	.71	1.2	80	1.2	1.0
14	2.8	4.1	1.0	.85	.87	3.4	.72	.64	1.4	73	2.2	1.0
15	2.9	4.8	1.7	.81	.90	2.8	.77	.71	.57	74	.94	1.0
16	3.1	5.3	1.9	.93	.87	2.6	.78	.89	1.2	39	.72	1.1
17	3.5	6.0	2.3	.92	.86	.86	.82	.90	.96	.30	.92	1.1
18	3.5	6.1	2.3	1.3	.77	.61	.85	.92	.72	.39	.72	1.2
19	3.2	6.4	2.2	1.1	.89	1.7	.92	.81	.87	.84	1.9	1.2
20	3.0	6.7	2.3	1.2	1.0	1.3	1.1	.70	.72	.89	3.9	1.2
21	5.4	6.8	2.4	1.2	.85	1.4	1.1	.92	.72	1.1	.76	1.2
22	22	8.0	2.6	1.2	.96	1.2	1.1	.87	.72	.37	.77	1.2
23	67	1.0	2.7	1.1	1.0	1.1	1.2	.50	.72	.47	.50	1.3
24	43	1.0	2.7	1.1	.92	.99	1.3	.64	.72	.49	.67	1.3
25	.60	1.0	3.0	1.1	.99	1.0	1.4	1.0	.64	.57	.93	1.3
26	.64	1.0	3.1	.98	.97	.64	1.5	1.2	.72	.59	.99	1.3
27	.68	1.1	3.1	1.1	1.0	.64	1.3	1.2	.72	.42	1.0	1.3
28	.73	1.3	3.1	1.4	1.0	.83	.99	1.0	.72	.42	1.1	1.3
29	.71	1.7	3.0	1.3	---	.96	.92	.80	.64	.40	.98	1.3
30	.81	1.7	3.3	1.3	---	.97	1.2	.92	.64	.37	1.2	1.4
31	1.8	---	3.2	1.3	---	1.1	---	.88	---	.39	1.0	---
TOTAL	184.88	86.62	60.60	42.59	31.70	43.65	30.25	28.25	25.24	652.16	30.95	33.59
MEAN	5.96	2.89	1.95	1.37	1.13	1.41	1.01	.91	.84	21.0	1.00	1.12
MAX	67	8.0	3.3	3.3	2.9	3.4	1.5	1.2	1.7	95	3.9	1.4
MIN	.60	.80	.59	.81	.77	.61	.72	.50	.46	.30	.41	.96

CAL YR 1985	TOTAL	2864.02	MEAN	7.85	MAX	73	MIN	.26
WTR YR 1986	TOTAL	1250.48	MEAN	3.43	MAX	95	MIN	.30

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 35.0°C, June 9, 1986; minimum, 4.5°C, Jan. 28, 1906.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 35.0°C, Jun. 9; minimum, 4.5°C, Jan. 28.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SETEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	22.5	24.0	24.0	21.5	23.0	---	---	---	15.0	11.5	13.0
2	25.0	24.0	24.5	23.0	22.0	22.5	---	---	---	14.0	10.0	12.0
3	26.5	24.0	25.0	23.0	21.5	22.5	---	---	---	16.0	13.0	14.0
4	27.0	25.5	26.0	22.5	18.5	20.5	---	---	---	14.5	12.0	13.0
5	26.0	22.5	24.5	20.0	17.0	18.5	---	---	---	13.5	10.5	12.5
6	23.5	20.5	22.0	20.5	17.0	18.5	---	---	---	12.0	8.5	10.5
7	24.0	20.0	21.5	20.5	17.0	19.0	---	---	---	14.0	10.5	11.5
8	23.5	21.0	22.0	20.0	17.0	18.5	---	---	---	11.0	8.5	9.5
9	25.0	22.5	23.5	21.0	16.5	18.5	---	---	---	11.0	7.5	9.0
10	25.0	23.0	24.0	22.5	18.5	20.5	---	---	---	12.5	10.5	11.5
11	25.0	24.5	24.5	23.0	20.0	21.5	19.0	14.5	16.5	13.5	10.0	11.5
12	25.0	24.5	24.5	22.5	21.5	22.0	19.0	16.5	17.5	13.5	9.0	11.0
13	26.0	24.0	25.0	24.0	21.5	22.5	19.5	18.0	18.5	13.0	9.5	11.0
14	26.0	23.5	24.5	---	---	---	17.5	11.5	14.0	11.5	7.0	9.0
15	26.5	24.0	25.0	---	---	---	14.5	10.5	12.0	12.0	7.0	9.0
16	26.0	24.0	25.0	---	---	---	14.5	10.0	12.0	14.0	8.0	11.0
17	26.0	24.5	25.0	---	---	---	14.5	11.0	12.5	15.5	11.5	13.5
18	26.5	24.0	25.0	---	---	---	14.5	11.0	12.5	16.5	13.5	15.0
19	26.5	24.5	25.5	---	---	---	13.0	10.5	11.5	16.5	12.5	15.0
20	27.0	24.5	25.5	---	---	---	13.0	10.0	11.0	14.5	10.5	12.0
21	26.0	23.5	24.5	---	---	---	12.0	9.0	10.0	15.0	10.0	12.0
22	25.0	23.5	24.0	---	---	---	11.5	8.0	9.5	16.5	11.0	13.5
23	25.0	25.0	25.0	---	---	---	13.5	10.0	11.5	14.0	11.5	13.5
24	25.5	24.0	25.0	---	---	---	15.5	12.0	13.5	13.5	9.0	11.0
25	26.5	23.5	24.5	---	---	---	12.5	8.0	10.5	12.5	10.5	11.5
26	25.0	23.0	24.0	---	---	---	9.5	6.5	8.0	12.5	10.0	11.5
27	24.0	22.5	23.5	---	---	---	11.5	7.5	9.5	9.5	5.0	7.5
28	25.0	23.5	24.0	---	---	---	12.0	11.0	11.5	9.5	4.5	6.5
29	23.0	20.5	21.5	---	---	---	13.5	10.5	12.0	11.5	6.5	9.0
30	21.5	20.0	20.5	---	---	---	12.0	8.5	10.0	13.0	8.5	10.5
31	21.5	21.0	21.5	---	---	---	12.5	8.5	11.0	14.0	8.5	11.0
MONTH	27.0	20.0	24.0	24.0	16.5	20.5	19.5	6.5	12.0	16.5	4.5	11.5

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.0	10.0	12.5	15.5	11.5	13.0	23.0	17.0	20.0	24.0	21.5	22.5
2	17.5	12.0	14.0	16.5	9.5	12.5	23.0	17.5	20.5	24.0	22.0	23.0
3	17.5	12.0	14.5	18.5	11.5	14.0	22.5	18.0	20.5	23.0	21.0	22.5
4	17.5	13.5	15.0	15.5	12.0	13.5	24.0	20.0	22.0	23.5	20.0	22.0
5	16.0	14.0	15.5	18.0	11.0	14.0	24.5	19.5	22.0	23.5	20.0	22.0
6	17.0	15.0	16.0	18.0	12.0	14.5	24.5	20.0	22.0	24.5	21.5	23.0
7	18.0	14.0	15.5	18.0	11.0	14.5	24.0	20.0	22.0	25.0	22.5	24.0
8	15.0	12.5	13.5	17.0	11.0	13.5	22.5	20.0	21.5	25.0	22.5	23.5
9	17.0	12.5	14.5	19.0	11.5	15.0	22.5	20.0	21.0	25.5	22.5	24.0
10	15.0	13.0	14.5	19.5	15.0	17.0	21.0	18.0	19.5	24.0	22.0	23.0
11	15.0	12.0	14.0	21.5	17.0	18.5	21.0	17.5	19.0	23.0	20.0	21.5
12	15.0	10.5	12.0	22.5	16.5	19.0	20.5	18.0	19.5	23.0	21.5	22.5
13	13.5	9.0	10.5	23.0	18.5	20.0	22.0	19.0	20.5	23.0	21.0	22.0
14	14.0	9.0	11.5	19.5	17.0	18.0	22.5	19.5	21.0	23.5	22.0	22.5
15	15.5	11.0	13.0	21.0	16.5	18.5	22.0	20.0	21.0	28.0	21.5	24.5
16	16.5	10.0	13.0	21.0	17.0	18.5	22.0	19.5	20.5	---	---	---
17	18.0	12.0	15.0	22.5	15.0	18.0	20.5	18.0	19.5	---	---	---
18	19.5	15.0	16.5	22.0	16.5	19.0	21.0	18.0	19.5	---	---	---
19	18.5	14.5	16.5	20.0	18.5	19.0	22.0	19.0	20.5	---	---	---
20	20.5	14.5	17.0	18.5	16.0	17.5	21.5	19.0	20.5	---	---	---
21	20.5	15.5	17.5	18.5	14.5	16.0	22.5	20.5	21.5	---	---	---
22	20.0	16.5	18.0	19.0	12.0	15.0	21.5	19.5	20.5	---	---	---
23	20.0	15.0	17.0	19.5	11.5	15.0	20.0	17.5	19.0	---	---	---
24	19.0	14.0	16.0	20.5	13.5	17.0	20.0	17.0	19.0	---	---	---
25	17.0	13.0	14.5	21.0	15.5	18.0	21.5	18.0	19.5	---	---	---
26	16.5	11.0	13.5	20.5	17.5	19.0	22.5	19.5	21.0	---	---	---
27	18.0	14.5	16.0	22.0	17.5	19.5	23.0	20.5	22.0	---	---	---
28	17.0	12.5	14.0	22.0	16.5	19.0	23.5	21.0	22.5	---	---	---
29	---	---	---	22.5	15.5	19.0	23.5	21.0	22.5	---	---	---
30	---	---	---	23.0	16.5	19.5	23.5	20.5	22.0	---	---	---
31	---	---	---	23.0	16.5	20.0	---	---	---	---	---	---
MONTH	20.5	9.0	14.5	23.0	9.5	17.0	24.5	17.0	20.5	28.0	20.0	23.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	30.5	26.5	28.0	32.5	26.5	29.0	26.5	23.5	25.0
2	---	---	---	30.5	26.5	28.0	32.5	26.5	29.0	26.5	24.5	25.5
3	---	---	---	29.0	26.5	27.5	30.5	26.5	28.5	28.0	25.0	26.0
4	26.5	24.5	25.5	28.5	25.5	27.0	30.5	26.5	27.5	27.5	25.5	26.5
5	28.5	25.0	26.5	27.0	25.5	26.5	30.5	25.0	27.5	28.0	26.0	26.5
6	31.0	24.0	27.0	28.0	25.5	27.0	30.5	25.5	27.5	27.5	25.5	26.5
7	33.0	23.0	28.0	29.0	26.0	27.5	30.5	25.0	27.5	28.5	25.0	26.5
8	33.5	24.5	29.0	28.0	26.0	27.0	29.5	26.5	27.5	29.0	24.0	26.0
9	35.0	24.5	28.5	26.5	25.5	26.0	31.0	26.0	28.0	28.0	25.0	26.0
10	28.5	25.0	27.0	30.0	26.5	27.5	29.0	26.5	27.5	28.5	25.5	26.5
11	29.5	26.5	28.5	27.5	26.0	27.0	---	---	---	29.5	26.0	27.5
12	30.0	27.5	28.5	26.0	25.5	25.5	---	---	---	28.5	26.0	27.0
13	30.0	27.5	28.5	26.0	25.0	25.5	---	---	---	28.5	25.0	26.5
14	30.0	26.0	28.0	26.5	25.5	26.0	---	---	---	28.5	24.5	26.0
15	29.0	27.0	28.0	27.5	26.0	26.5	---	---	---	28.5	24.0	26.0
16	28.5	26.5	27.5	29.0	27.5	28.0	---	---	---	28.5	25.0	26.5
17	28.5	26.0	27.5	32.0	26.5	28.5	---	---	---	27.0	25.5	26.0
18	27.5	25.5	26.5	32.0	27.0	29.0	---	---	---	27.5	24.5	26.0
19	29.0	25.0	26.5	31.0	28.0	29.5	---	---	---	28.5	25.0	26.5
20	30.5	25.0	27.5	31.5	28.0	29.5	---	---	---	29.0	25.0	27.0
21	31.0	25.5	28.0	30.5	27.5	28.5	---	---	---	29.5	26.0	27.5
22	30.0	24.5	27.0	30.5	26.0	28.0	---	---	---	29.5	26.0	27.5
23	30.5	24.5	27.5	31.5	27.5	29.0	---	---	---	29.5	26.5	27.5
24	30.5	25.0	27.5	31.5	28.0	29.5	---	---	---	29.5	26.0	27.5
25	31.0	25.5	28.0	30.5	27.5	28.5	---	---	---	29.5	26.0	27.5
26	30.0	26.5	28.0	29.0	26.5	27.5	---	---	---	29.5	26.5	28.0
27	31.0	26.5	28.5	31.0	26.0	28.0	---	---	---	30.0	26.5	28.0
28	30.5	26.5	28.5	30.5	26.5	28.5	---	---	---	30.0	26.0	28.0
29	30.5	26.0	28.0	30.0	27.0	28.5	24.5	24.0	24.5	30.5	27.5	28.5
30	31.0	26.0	28.0	30.5	26.0	28.0	24.0	22.5	23.0	30.5	27.5	28.5
31	---	---	---	31.0	25.5	27.5	24.0	23.0	23.5	---	---	---
MONTH	35.0	23.0	27.5	32.0	25.0	27.5	32.5	22.5	27.0	30.5	23.5	27.0
YEAR	35.0	4.5	21.0									

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'58", long 81°36'13", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at right bank, 0.5 mi east of SRP Rd. C, and 0.8 mi upstream of SRP Rd. B.

PERIOD OF RECORD.--April 1986 to September 1986.

GAGE.--Water-stage recorder. Elevation of gage is 208 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for periods of no gage height record, Apr. 8-10 and Jul. 19-31 and periods of estimated daily discharges above 6.0 ft³/s; Jun. 5, Jun. 10-17, and Jul. 8-18, which are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period Apr. to Sept., unknown, Jun. 10, gage height, 3.58 ft; minimum daily, 1.2 ft³/s, Jul. 24-31, Aug. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							---	1.9	1.7	1.7	1.3	2.1
2							2.0	1.9	1.5	1.9	1.2	2.0
3							2.0	1.9	1.5	2.2	1.3	2.0
4							2.0	1.9	1.5	1.9	1.8	2.0
5							2.0	1.9	11	2.1	1.4	2.1
6							2.1	1.9	1.7	2.1	1.7	2.0
7							2.1	1.9	1.4	2.1	1.6	2.0
8							2.0	1.9	1.4	14	1.5	2.0
9							2.0	1.8	1.4	80	1.6	2.0
10							2.0	1.6	12	91	1.7	2.0
11							2.0	1.6	14	93	1.6	2.0
12							2.0	1.8	14	84	1.7	2.0
13							2.0	2.1	15	80	1.9	2.0
14							2.0	1.8	20	90	3.2	1.9
15							2.0	1.8	11	79	1.9	1.9
16							2.0	1.8	17	40	1.6	2.0
17							2.0	1.8	11	11	1.7	1.9
18							2.0	1.8	1.7	6.6	1.6	1.9
19							1.9	1.8	1.9	3.5	2.4	1.9
20							1.9	1.8	1.6	4.3	5.0	1.9
21							1.8	1.8	1.5	3.5	2.5	1.9
22							1.7	1.8	1.6	2.3	2.1	1.9
23							1.7	1.8	1.6	1.7	1.8	1.9
24							1.7	1.8	1.6	1.2	1.8	1.9
25							1.8	1.8	1.6	1.2	2.0	1.9
26							1.8	1.8	1.7	1.2	2.0	1.9
27							1.8	1.8	1.7	1.2	2.0	1.9
28							1.6	1.8	1.7	1.2	2.1	1.9
29							1.5	1.8	1.6	1.2	2.0	1.9
30							1.8	1.8	1.7	1.2	2.4	1.9
31							---	1.8	---	1.2	2.1	---
TOTAL							---	56.5	158.6	707.5	60.5	58.6
MEAN							---	1.82	5.29	22.8	1.95	1.95
MAX							---	2.1	20	93	5.0	2.1
MIN							---	1.6	1.4	1.2	1.2	1.9

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April to September 1986.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April to September 1986.

INSTRUMENTATION.--USGS Mini-monitor since April 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 28.0°C, Jun. 5, 1986; minimum, 11.5°C, Apr. 23, 24, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.0°C, Jun. 5; minimum 11.5°C, Apr. 23, 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	22.5	16.5	19.5
2							---	---	---	23.0	17.5	20.0
3							---	---	---	21.0	16.5	18.0
4							---	---	---	20.5	14.0	17.0
5							---	---	---	21.0	14.5	18.0
6							---	---	---	22.5	17.5	20.0
7							---	---	---	22.5	19.0	21.0
8							---	---	---	23.0	18.5	20.5
9							---	---	---	23.0	18.5	20.5
10							---	---	---	20.0	17.0	18.5
11							19.0	14.0	17.0	20.5	14.5	17.5
12							18.0	13.0	16.0	20.0	18.0	19.0
13							20.0	15.5	17.5	20.5	18.5	19.5
14							20.5	15.0	17.5	21.0	18.0	19.5
15							19.5	16.0	18.0	22.0	18.0	20.0
16							19.5	15.5	17.0	22.0	18.0	20.0
17							18.0	12.5	15.0	23.5	19.5	21.0
18							19.5	13.0	16.0	23.5	19.0	21.0
19							20.0	14.5	17.0	22.0	20.0	21.0
20							19.0	14.0	17.0	22.5	19.0	21.0
21							21.0	17.0	18.5	22.0	17.5	20.0
22							18.5	14.5	16.0	22.0	16.0	19.0
23							17.5	11.5	14.5	22.5	16.0	19.5
24							18.5	11.5	14.5	23.5	18.5	21.0
25							20.0	12.5	16.5	24.5	19.5	22.0
26							22.0	15.5	18.5	24.0	21.0	22.0
27							22.5	17.0	19.5	23.0	21.0	22.0
28							21.5	17.5	19.5	24.5	20.5	22.5
29							22.0	17.0	19.5	23.5	21.0	22.5
30							22.0	16.0	18.5	25.5	21.0	23.0
31							---	---	---	24.5	20.5	22.5
MONTH							22.5	11.5	17.0	25.5	14.0	20.5

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	20.5	23.0	22.5	22.5	22.5	26.0	22.5	24.0	22.0	20.0	21.0
2	24.5	21.0	22.5	22.5	22.5	22.5	25.5	22.5	24.0	22.0	21.0	21.5
3	22.5	21.0	21.5	24.5	22.5	23.5	25.0	22.5	24.0	23.0	21.5	22.0
4	22.0	20.5	21.0	23.5	21.0	22.5	24.0	22.5	23.5	22.5	22.0	22.5
5	28.0	20.5	23.0	23.0	21.0	22.0	24.0	21.5	23.0	23.0	22.0	22.5
6	23.5	21.5	22.5	23.5	21.5	22.5	24.0	22.0	23.0	23.0	22.0	22.5
7	22.5	21.5	22.0	25.0	21.5	23.5	24.5	22.0	23.0	23.0	21.5	22.0
8	22.5	21.5	22.0	26.0	22.5	24.0	24.5	22.0	23.0	23.0	20.5	21.5
9	23.0	21.5	22.5	24.5	24.0	24.0	25.5	21.5	23.5	22.5	21.5	22.0
10	24.0	22.0	23.0	24.5	24.0	24.0	26.0	22.5	24.0	22.5	21.5	22.0
11	24.0	23.5	23.5	25.0	24.5	25.0	26.0	23.0	24.5	23.5	22.0	22.5
12	24.0	23.5	23.5	25.0	24.5	24.5	25.5	23.0	24.0	23.5	22.5	23.0
13	24.0	24.0	24.0	24.5	24.5	24.5	24.0	23.0	23.5	23.0	22.0	22.5
14	24.0	24.0	24.0	25.0	24.5	24.5	24.5	23.0	23.5	23.0	21.5	22.0
15	24.0	24.0	24.0	26.0	25.0	25.0	24.5	22.0	23.5	22.5	20.0	21.5
16	24.0	24.0	24.0	26.0	25.0	26.0	25.0	22.0	23.5	23.0	21.0	22.0
17	24.0	24.0	24.0	25.0	24.0	24.5	25.5	22.5	24.0	22.5	21.0	22.0
18	24.0	23.0	23.5	25.0	24.0	24.5	25.0	22.5	23.5	22.0	20.5	21.0
19	23.0	22.5	22.5	25.5	24.0	25.0	25.5	22.5	23.5	22.5	21.0	21.5
20	22.5	22.0	22.5	26.0	24.5	25.5	24.5	22.5	23.5	23.0	21.0	22.0
21	22.5	22.0	22.0	25.5	24.0	24.5	23.5	21.5	22.5	23.5	21.5	22.5
22	22.5	22.0	22.0	24.5	23.5	24.0	24.5	21.5	23.0	23.5	21.5	22.5
23	22.0	21.5	22.0	24.5	23.0	24.0	24.5	22.0	23.5	23.5	22.0	22.5
24	22.0	21.5	22.0	25.0	23.5	24.5	25.0	22.0	23.5	23.5	22.0	22.5
25	22.0	22.0	22.0	24.5	23.5	24.0	24.0	23.0	23.5	23.5	22.0	23.0
26	22.0	22.0	22.0	24.0	23.5	23.5	24.5	22.0	23.5	24.0	22.0	23.0
27	22.5	22.0	22.0	24.5	23.0	23.5	25.5	23.0	24.0	24.0	22.5	23.5
28	22.5	22.0	22.5	24.5	23.0	24.0	24.5	22.0	23.5	24.0	22.0	23.0
29	22.5	22.0	22.5	24.0	23.5	24.0	22.0	19.5	20.5	24.5	23.0	23.5
30	22.5	22.0	22.5	24.0	23.0	23.5	19.5	18.5	19.5	24.0	22.5	23.5
31	---	---	---	25.0	22.5	23.5	20.0	19.5	19.5	---	---	---
MONTH	28.0	20.5	22.5	26.0	21.0	24.0	26.0	18.5	23.0	24.5	20.0	22.5
YEAR	28.0	11.5	22.0									

021973525 L-007 OUTFALL AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'26", long 81°35'22", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, 0.6 mi west of intersection of SRP Roads B and C, 625 ft north of SRP Road B, and 200 ft south of L-Area.

PERIOD OF RECORD.--October 1985 to September 1986.

GAGE.--Water-stage recorder and Data Collection Platform. Datum of gage is 195.42 ft (provided by Savannah River Plant).

REMARKS.--No estimates of daily discharge for periods of no gage-height record, Oct. 24-26 and Nov. 25 to Dec. 17. Records good. Flow completely regulated by Savannah River Plant Operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 531 ft³/s, Oct. 17, 1985, gage height, 20.56 ft, occurred during period of operations testing; minimum daily recorded, 28 ft³/s, Oct. 5, 1985, but may have been less during period when recorders were removed, Oct. 24-26, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 531 ft³/s, Oct. 17, gage height, 20.56 ft, occurred during period of operations testing; minimum daily recorded, 28 ft³/s, Oct. 5, but may have been less during period when recorders were removed, Oct. 24-26, 1985.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	368	360	---	372	371	130	379	369	116	172	61	52
2	165	362	---	373	370	140	377	373	333	217	63	52
3	45	361	---	373	369	357	374	373	362	217	63	53
4	48	364	---	373	371	364	371	352	363	220	84	55
5	28	365	---	373	367	370	371	125	364	236	101	57
6	246	363	---	374	170	372	369	129	363	230	64	57
7	396	362	---	375	236	372	369	140	362	241	74	57
8	393	362	---	373	122	374	370	190	363	240	103	57
9	407	364	---	373	122	374	371	361	362	234	99	142
10	413	360	---	372	142	375	371	368	362	171	110	182
11	433	358	---	371	151	375	362	374	360	148	106	124
12	395	368	---	372	152	375	360	373	361	154	92	96
13	395	367	---	375	149	374	369	373	362	193	103	58
14	399	360	---	373	143	373	375	369	362	145	52	58
15	431	365	---	369	141	375	367	366	362	107	39	194
16	417	369	---	360	145	376	362	367	361	58	37	72
17	470	369	---	365	145	376	369	366	360	56	32	85
18	422	370	206	372	161	374	373	365	360	62	38	110
19	411	370	335	342	149	291	371	365	361	54	52	99
20	412	369	351	121	150	158	372	368	361	53	66	111
21	409	370	360	120	273	137	373	368	361	53	63	112
22	416	370	363	135	363	140	376	368	361	32	63	309
23	416	370	367	135	368	140	374	367	362	34	54	218
24	---	369	370	128	371	141	375	365	361	41	55	86
25	---	---	370	292	373	140	375	366	361	42	64	88
26	---	---	371	363	372	346	376	366	359	44	64	93
27	394	---	374	363	369	364	381	364	362	46	51	100
28	396	---	371	366	285	368	383	364	359	47	53	100
29	397	---	371	369	---	372	364	363	361	60	50	117
30	378	---	371	369	---	375	362	308	266	72	53	52
31	359	---	371	370	---	374	---	119	---	67	53	---
TOTAL	---	---	---	10161	6900	9572	11141	10184	10473	3746	2062	3046
MEAN	---	---	---	328	246	309	371	329	349	121	66.5	102
MAX	---	---	---	375	373	376	383	374	364	241	110	309
MIN	---	---	---	120	122	130	360	119	116	32	32	52

BEST COPY AVAILABLE

021973527 L-007 OUTFALL AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1985 to September 1986.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1985 to September 1986.

INSTRUMENTATION.--USGS Mini-monitor since October 1985.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 76.0°C, May 2, 1986; minimum, 8.5°C, Feb. 15, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 76.0°C, May 2; minimum 8.5°C, Feb. 15.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.0	21.0	21.0	33.5	19.0	25.0	72.0	69.5	70.5	69.0	67.5	68.5
2	25.5	21.5	23.5	34.5	19.5	24.5	73.0	71.0	72.0	69.5	68.0	68.5
3	26.0	22.5	23.5	20.0	19.0	19.5	72.5	67.0	71.0	69.5	64.5	68.0
4	23.5	22.0	22.5	50.0	20.0	35.5	71.5	62.5	69.0	69.0	65.5	68.5
5	24.0	23.0	23.5	50.0	48.5	49.0	69.0	14.0	43.0	69.5	68.5	69.0
6	23.5	21.0	22.0	49.5	48.5	49.0	14.5	13.5	14.0	69.5	65.5	68.0
7	21.0	20.0	20.5	49.0	48.0	48.5	13.5	13.0	13.0	69.0	66.5	68.0
8	20.0	19.5	19.5	>50.0	48.0	---	13.0	12.0	12.5	69.0	65.0	67.5
9	20.0	19.5	19.5	>50.0	>50.0	---	13.0	12.0	12.5	70.0	66.5	68.5
10	20.0	20.0	20.0	>50.0	17.5	---	13.5	13.0	13.0	70.5	67.5	69.0
11	20.5	20.0	20.5	>50.0	17.5	---	14.5	13.5	14.0	70.0	68.5	69.5
12	21.5	20.5	21.0	>50.0	49.5	---	15.5	14.5	15.0	70.0	66.5	69.0
13	22.5	21.5	22.0	>50.0	19.5	---	16.5	15.5	16.0	70.5	64.0	68.5
14	22.5	22.0	22.5	29.5	19.0	20.0	16.5	14.0	15.5	70.0	67.0	68.5
15	23.0	22.5	23.0	63.5	28.0	51.5	14.5	12.0	13.0	70.0	10.0	46.5
16	23.5	23.0	23.0	63.5	62.0	63.0	12.0	11.0	11.5	22.0	10.0	12.0
17	23.0	22.5	23.0	63.5	58.5	63.0	11.5	11.0	11.0	60.5	21.0	43.5
18	22.5	22.0	22.5	59.5	53.0	58.5	11.5	11.0	11.0	69.5	59.5	67.0
19	22.0	22.0	22.0	60.0	59.0	59.5	12.0	11.0	11.5	70.0	12.0	46.5
20	22.5	22.0	22.0	62.0	59.0	60.5	11.5	11.0	11.5	12.5	12.0	12.0
21	22.5	22.0	22.0	62.0	61.0	61.5	11.5	11.0	11.0	12.0	11.5	11.5
22	22.0	21.0	21.5	64.0	60.5	62.5	42.0	10.5	23.0	11.5	10.5	11.0
23	21.0	21.0	21.0	61.0	56.0	58.0	62.5	40.5	56.5	11.5	11.0	11.5
24	22.0	20.5	21.0	59.0	56.0	58.0	65.5	61.5	63.0	11.0	10.5	11.0
25	22.5	21.5	22.0	64.5	58.0	60.0	67.5	61.0	65.5	11.0	10.0	10.5
26	22.0	21.0	21.5	70.0	64.0	66.0	67.0	63.5	65.5	10.5	10.0	10.0
27	21.0	20.5	21.0	73.0	69.0	70.0	66.5	63.5	66.0	37.5	9.0	15.0
28	20.5	20.5	20.5	72.5	65.0	68.0	67.0	63.0	65.5	57.0	33.0	46.0
29	20.5	19.0	20.0	69.0	68.0	68.5	67.5	65.0	66.5	57.0	52.5	56.5
30	19.0	18.5	18.5	71.5	68.5	69.5	68.0	64.0	67.0	61.5	56.0	60.0
31	23.5	18.5	19.0	---	---	---	68.5	65.0	67.5	65.5	60.5	63.0
MONTH	26.0	18.5	21.5	73.0	17.5	53.0	73.0	10.5	36.5	70.5	9.0	48.0

021973527 L-007 OUTFALL AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	66.5	63.5	65.0	13.0	11.5	12.5	69.0	66.5	68.0	75.5	49.5	63.0
2	67.0	65.0	66.5	11.5	11.0	11.0	70.0	67.5	69.0	76.0	67.0	74.5
3	68.0	66.5	67.0	12.0	11.0	11.5	70.5	51.5	63.0	75.5	74.0	75.0
4	68.0	66.5	67.5	46.5	11.5	21.5	60.5	51.0	55.5	75.0	20.0	53.0
5	69.0	12.5	55.0	67.5	45.5	56.5	60.5	55.5	58.0	20.5	20.0	20.0
6	14.5	12.0	13.5	71.0	59.5	66.5	57.0	55.5	56.0	20.5	20.0	20.0
7	13.0	12.0	12.5	72.0	68.0	70.0	61.5	55.5	59.0	21.0	20.5	20.5
8	13.0	12.0	12.5	71.5	70.0	71.0	65.5	60.5	63.5	21.0	20.5	21.0
9	12.0	12.0	12.0	71.5	69.5	71.0	73.5	64.5	68.0	21.5	20.5	21.0
10	12.5	12.0	12.0	72.5	71.0	71.5	74.0	72.5	73.0	69.0	21.0	45.0
11	12.5	12.0	12.0	73.0	71.5	72.5	73.5	16.5	31.5	69.5	67.0	68.5
12	12.0	10.5	11.0	73.5	72.5	73.0	44.5	16.5	23.5	69.5	68.5	69.0
13	10.5	9.5	10.0	74.5	72.5	73.5	73.5	44.0	65.0	70.0	65.5	68.5
14	9.5	9.0	9.0	75.0	67.0	73.5	72.5	61.5	70.0	66.5	53.0	59.5
15	10.0	8.5	9.5	74.0	72.0	73.0	75.0	18.0	45.5	55.0	53.5	54.0
16	10.5	9.5	10.0	73.0	70.0	72.0	30.0	18.0	22.0	59.0	53.5	56.5
17	11.5	10.5	11.0	73.0	65.0	71.5	73.5	27.5	60.5	59.0	42.5	49.0
18	12.5	11.5	12.0	74.0	70.0	72.5	74.0	71.0	73.0	44.0	41.0	43.0
19	13.5	12.5	13.0	74.0	16.0	26.5	74.5	73.0	74.0	60.5	41.5	46.0
20	14.0	13.0	13.5	17.0	16.0	16.5	74.5	73.5	74.0	61.5	59.5	60.5
21	14.5	13.5	14.0	16.5	14.5	15.5	74.5	73.5	74.0	61.5	60.0	61.0
22	25.5	14.0	18.0	14.5	13.5	14.0	74.5	71.5	73.5	61.0	59.5	60.5
23	63.5	25.0	51.0	14.0	13.0	13.5	74.0	72.0	73.5	61.0	59.0	60.5
24	69.5	61.5	64.5	14.0	13.0	13.5	74.5	69.5	72.5	61.0	48.5	53.5
25	70.0	68.5	69.0	15.0	14.0	14.5	74.5	69.5	73.0	49.5	41.5	44.0
26	70.0	65.5	68.5	16.0	14.5	15.5	74.0	65.0	71.0	43.0	41.0	42.5
27	70.5	12.5	52.0	27.5	15.5	19.0	67.5	45.5	55.0	43.5	41.5	43.0
28	12.5	11.5	12.0	50.5	26.0	46.5	49.0	45.0	47.5	46.0	42.5	44.5
29	---	---	---	67.0	46.5	60.5	52.5	21.0	43.0	46.0	43.0	45.5
30	---	---	---	68.0	65.5	67.0	50.5	20.5	23.5	45.0	22.5	35.5
31	---	---	---	70.5	66.5	68.5	---	---	---	23.5	23.0	23.5
MONTH	70.5	8.5	30.0	75.0	11.0	46.5	75.0	16.5	59.5	76.0	20.0	48.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	22.5	23.0	25.0	24.0	24.5	26.0	24.0	25.0	22.0	20.0	20.5
2	33.0	22.0	23.0	25.0	24.0	24.5	26.0	24.0	24.5	22.0	20.0	20.5
3	50.0	30.0	44.0	25.0	24.0	24.5	26.0	24.0	24.5	22.5	20.0	20.5
4	51.0	48.0	49.5	24.5	24.0	24.0	27.0	24.0	24.5	21.0	20.0	20.5
5	52.5	50.0	50.5	24.0	22.5	23.5	25.0	24.0	24.5	21.0	20.0	20.5
6	52.0	50.0	50.5	24.5	22.5	23.5	26.0	24.0	24.5	21.0	20.0	20.5
7	52.0	40.0	46.0	25.0	24.0	24.5	26.0	24.0	24.5	20.5	20.0	20.5
8	44.5	40.0	41.0	25.0	24.0	24.5	25.0	24.0	24.5	21.0	20.0	20.5
9	41.0	38.0	39.5	25.0	24.0	24.5	25.0	24.0	24.0	21.0	20.0	20.5
10	39.0	24.0	32.5	25.0	24.0	24.5	26.0	24.0	24.5	24.0	20.0	22.0
11	36.5	24.0	28.0	25.0	24.0	24.0	26.0	24.0	24.5	25.0	21.0	23.5
12	41.0	24.0	37.0	25.0	24.0	24.5	25.0	24.0	24.5	25.0	24.0	24.0
13	41.0	39.0	40.0	25.0	24.0	24.5	26.0	24.5	25.0	24.5	22.5	23.5
14	42.0	40.0	40.5	26.0	24.0	24.5	26.5	24.0	25.5	24.0	22.5	23.0
15	41.0	40.0	40.5	28.0	24.0	25.5	26.5	24.0	25.0	23.0	20.0	21.5
16	41.0	24.0	35.0	28.5	24.0	25.5	28.0	24.0	25.0	24.0	20.0	22.0
17	35.0	24.0	29.0	28.5	24.0	26.0	28.0	24.0	25.0	23.0	22.0	22.5
18	34.0	20.0	32.0	29.0	24.0	26.5	26.0	24.0	25.0	23.0	20.0	21.0
19	31.0	30.0	30.5	28.5	24.0	26.0	26.0	24.0	25.0	20.5	20.0	20.5
20	31.0	28.5	30.0	27.0	24.0	25.0	25.0	24.0	24.5	20.5	20.0	20.5
21	30.0	28.5	29.0	30.5	24.0	27.0	25.0	24.0	24.5	21.0	20.0	20.5
22	30.5	28.5	29.0	30.5	27.0	28.5	24.5	24.0	24.0	24.0	20.0	21.5
23	30.5	30.0	30.0	31.0	26.5	28.5	25.0	23.0	24.0	24.5	20.5	22.5
24	31.0	30.0	30.0	28.5	24.0	26.5	25.0	24.0	24.5	25.0	24.0	24.5
25	32.5	30.0	31.5	28.5	18.5	25.0	25.0	24.0	24.5	25.0	24.0	24.5
26	33.0	32.0	32.5	26.0	24.0	24.5	26.0	24.0	24.5	25.0	24.0	24.5
27	32.5	30.0	31.0	26.0	24.0	24.5	27.0	24.0	25.0	25.0	24.0	24.5
28	33.0	32.0	32.5	27.0	24.0	25.0	26.5	24.5	26.0	25.0	24.0	24.5
29	34.0	24.0	32.5	26.0	24.0	24.5	25.0	22.0	23.5	25.0	24.0	24.5
30	25.0	24.0	24.0	26.0	24.0	24.5	23.0	21.0	22.0	24.5	24.0	24.5
31	---	---	---	26.0	24.0	24.5	21.0	20.0	20.5	---	---	---
MONTH	52.5	20.0	35.0	31.0	18.5	25.0	28.0	20.0	24.5	25.0	20.0	22.0
YEAR	76.0	8.5	37.0									

02197354 P-007 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'33'', long 81°34'39'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, near the middle of the stream, 50 ft southeast of P Area, and 1700 ft southwest of SRP Road F.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 310 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, excepted daily discharges, Nov. 22-25, and those for periods above 5.0 ft^3/s, which are poor. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jul. 19, 1984, gage height, 1.77 ft; minimum daily, 0.36 ft^3/s, Jun. 19-20, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 20, gage height, 1.63 ft; minimum daily, 0.36 ft^3/s, Jun. 19-20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.96	1.1	.80	1.1	.98	.97	.91	1.0	1.1	.49	.86	1.0
2	1.0	1.2	.64	.93	1.0	.95	.94	.99	.80	.41	.65	1.2
3	.89	1.2	.69	.99	.97	.94	.93	.93	.77	.52	.64	1.3
4	.72	1.3	.75	.91	1.2	.95	.92	.89	.67	.48	.60	1.2
5	.70	1.1	.71	.93	1.1	.97	1.0	.90	.63	.55	.60	1.2
6	.98	.95	.75	.97	1.3	.99	.92	.91	.57	.41	.73	1.3
7	.99	.94	.80	1.0	.96	.99	.92	.93	.49	.42	.76	1.4
8	1.1	.78	.69	.91	.99	1.0	.92	.97	.47	.49	.77	1.3
9	1.1	.77	.67	.98	.95	1.0	.89	.88	.47	.64	.86	1.5
10	1.1	.78	.75	.98	1.5	1.1	.89	.79	.66	.77	.90	1.3
11	1.1	.86	.71	.89	1.5	1.1	.91	.81	.45	.80	.79	1.3
12	1.0	1.1	1.3	.89	.79	1.0	.90	1.0	.38	.67	.71	1.3
13	1.0	.78	1.4	.94	.78	1.1	.95	.96	.38	.61	.97	1.2
14	1.0	.82	.89	.90	1.0	1.1	.92	.91	.38	.64	.93	1.2
15	1.1	.86	1.0	.90	.97	.86	.93	.91	.40	.63	.68	1.2
16	1.1	.87	.97	.82	.96	.86	.91	.84	.39	.73	.60	1.2
17	1.1	.89	1.0	.62	.95	.73	.90	.82	.38	.74	.72	1.3
18	1.1	1.1	.97	.83	.96	.73	.90	.86	.40	.90	.66	1.4
19	1.1	.95	.95	.89	.97	1.1	.93	.88	.36	1.4	.83	1.3
20	1.2	.93	.98	.88	1.0	.90	.94	.87	.36	1.1	.99	1.3
21	1.2	1.0	.95	.86	1.0	.81	.88	.88	.39	.66	.87	1.3
22	1.0	8.0	.96	1.1	1.1	.83	.81	.91	.38	.56	.96	1.3
23	.98	9.0	.95	1.2	.95	.84	.82	.92	.53	.60	.89	1.3
24	1.0	9.0	.97	.89	1.1	.83	.89	.91	.57	.62	.92	1.3
25	1.0	9.0	1.0	1.1	1.2	.94	1.0	.99	.58	.67	1.0	1.3
26	1.1	4.1	1.1	1.1	1.0	.85	1.0	.99	.62	.99	1.1	1.3
27	1.1	.94	.97	1.2	1.1	.90	1.0	1.0	.64	.86	1.2	1.2
28	1.1	.91	.98	1.2	1.0	.90	.99	1.1	.61	.73	1.2	1.2
29	1.4	1.1	1.1	1.0	---	.91	.99	1.1	.59	.60	1.2	1.2
30	1.3	1.1	1.2	1.0	---	.93	1.0	.99	.54	.64	1.3	1.2
31	1.5	---	1.1	.98	---	.97	---	1.3	---	.82	1.0	---
TOTAL	33.02	63.47	28.70	29.89	29.28	29.05	27.81	29.14	15.96	21.15	26.89	38.0
MEAN	1.07	2.12	.93	.96	1.05	.94	.93	.94	.53	.68	.87	1.27
MAX	1.5	9.0	1.4	1.2	1.5	1.1	1.0	1.3	1.1	1.4	1.3	1.5
MIN	.70	.77	.64	.62	.78	.73	.81	.79	.36	.41	.60	1.0

CAL YR 1985 TOTAL 393.10 MEAN 1.08 MAX 9.0 MIN .42
WTR YR 1986 TOTAL 372.36 MEAN 1.02 MAX 9.0 MIN .36

BEST COPY AVAILABLE

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°08'44", long 81°37'44", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream side of bridge on SRP Road A, 160 ft downstream from Meyers Branch.

PERIOD OF RECORD.--March 1985 to September 1985.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good. Except for estimated daily discharges: Nov. 22-23, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown Nov. 22, 1985, gage height, 3.55 ft; minimum daily, 7.7 ft³/s, Sept. 14, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown Nov. 22, gage height, 3.55 ft; minimum daily, 11.0 ft³/s, Oct. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	48	387	373	377	102	375	355	77	75	71	78
2	54	29	384	370	376	97	374	347	287	153	70	74
3	83	23	369	375	373	374	374	347	390	246	70	74
4	66	179	369	376	373	420	375	347	399	240	70	77
5	46	407	367	376	383	401	373	123	406	236	72	74
6	22	365	234	378	199	370	374	86	388	243	66	77
7	21	345	109	377	328	372	375	102	388	248	64	72
8	21	331	96	378	212	370	376	98	386	249	61	60
9	21	316	94	379	100	369	374	362	382	249	61	51
10	22	307	169	383	129	368	372	350	378	168	61	57
11	19	301	241	391	181	372	372	351	390	230	60	58
12	13	306	252	382	132	372	376	352	393	256	60	57
13	13	318	327	382	194	378	373	372	373	217	60	57
14	11	296	270	383	233	402	372	359	378	242	93	56
15	12	290	255	382	172	376	372	354	379	181	81	56
16	12	287	192	383	154	371	373	353	376	194	60	57
17	16	284	100	381	150	374	373	353	382	163	63	57
18	15	284	98	381	158	374	372	354	381	90	61	56
19	15	287	236	385	154	332	373	370	387	85	61	57
20	16	287	358	260	159	266	373	379	394	83	74	54
21	16	281	357	169	236	173	376	370	391	82	97	51
22	17	500	360	137	376	160	377	355	388	49	68	218
23	20	476	363	86	388	155	375	351	394	13	65	296
24	18	475	361	93	398	150	365	354	395	64	65	51
25	13	433	365	158	402	136	358	353	401	73	71	52
26	15	395	370	370	404	326	358	361	404	96	71	51
27	15	391	370	373	404	359	356	382	402	82	70	51
28	17	390	373	375	383	358	356	382	404	75	69	51
29	20	390	372	382	---	357	353	385	404	73	71	51
30	18	399	370	378	---	366	354	384	263	72	79	52
31	30	---	375	370	---	374	---	143	---	71	83	---
TOTAL	723	9420	8943	10366	7528	9774	11099	9934	11160	4598	2148	2183
MEAN	23.3	314	288	334	269	315	370	320	372	148	69.3	72.8
MAX	83	500	387	391	404	420	377	385	406	256	97	296
MIN	11	23	94	86	100	97	353	86	77	13	60	51

WTR YR 1986 TOTAL 87876 MEAN 241 MAX 500 MIN 11

02197357 STEEL CREEK NEAR SNELLING, SC

LOCATION.--Lat 33°05'46'', long 81°37'04'', Barnwell County, Hydrologic Unit 03060106, 15.4 mi upstream from Lower Three Runs at mile 141.6.

PERIOD OF RECORD.--Water year 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 33.0°C, Oct. 20, 1985; minimum, 0.3°C, Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 33.0°C, Oct. 20; minimum, 2.0°C, Jan. 28.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.5	20.5	21.0	20.0	18.5	19.5	20.5	18.5	19.0	11.5	10.0	11.0
2	22.5	21.5	22.0	20.0	19.5	19.5	18.5	15.5	17.5	12.0	10.0	11.0
3	23.5	22.0	22.5	19.5	18.5	19.0	15.5	12.5	13.5	14.0	12.5	13.0
4	24.5	23.5	24.0	19.5	16.5	18.5	12.5	11.0	11.5	13.0	12.0	12.5
5	24.5	24.0	24.0	16.5	14.0	15.0	12.0	11.0	11.5	12.5	11.0	12.0
6	24.0	20.5	22.0	16.0	14.0	15.0	12.0	10.5	11.5	10.5	8.5	9.5
7	20.5	18.5	19.5	16.0	14.0	15.0	10.5	8.5	9.5	10.5	9.5	10.0
8	19.0	17.0	18.0	16.0	15.0	15.5	9.5	8.0	9.0	10.0	8.0	9.0
9	19.5	17.5	18.5	16.0	13.5	14.5	11.0	8.5	10.0	8.5	6.0	7.5
10	20.5	19.0	20.0	17.5	15.0	16.5	12.0	10.0	11.0	10.0	8.5	9.0
11	22.0	20.5	21.5	19.0	17.0	18.0	15.0	12.0	13.5	11.0	9.5	10.0
12	23.0	22.0	22.5	19.5	18.5	19.0	16.5	15.0	16.0	10.5	8.0	9.5
13	23.5	22.5	23.0	21.0	19.5	20.0	18.0	17.0	17.5	10.5	9.0	10.0
14	24.0	22.5	23.0	21.5	20.0	21.0	18.0	10.0	13.5	10.0	7.5	9.0
15	24.5	23.0	23.5	21.5	20.0	21.0	12.0	9.5	10.5	10.5	8.5	9.5
16	24.5	23.5	24.0	21.0	20.5	21.0	9.0	8.0	8.0	12.0	8.5	10.0
17	24.0	23.0	23.5	22.0	20.5	21.0	8.5	7.5	8.0	13.5	11.0	12.5
18	23.0	19.5	22.0	22.0	20.5	21.0	9.0	8.0	8.5	15.0	12.5	13.5
19	28.0	18.5	22.0	22.0	21.0	21.5	9.0	8.0	8.5	15.5	13.0	14.5
20	33.0	19.0	23.0	22.5	22.0	22.5	9.0	7.0	8.0	12.5	10.5	11.5
21	31.5	19.5	23.0	22.5	22.0	22.5	8.0	7.0	7.5	11.5	8.5	10.0
22	22.5	19.0	20.5	22.5	19.0	20.5	7.5	6.0	7.0	13.5	9.5	11.0
23	21.0	19.5	20.5	19.0	18.5	19.0	9.5	7.0	8.5	13.5	11.0	12.5
24	21.5	20.0	21.0	18.5	17.0	18.0	12.0	9.5	11.0	11.0	8.0	9.0
25	22.0	20.5	21.5	19.0	17.5	18.5	11.0	6.0	9.0	9.5	7.5	8.5
26	21.5	20.5	21.0	19.5	18.5	19.0	6.0	4.0	5.0	11.0	8.5	9.5
27	20.0	19.5	19.5	20.5	19.0	19.5	7.0	4.0	5.5	9.0	4.0	6.5
28	20.5	19.5	20.0	21.0	19.0	20.0	8.5	7.0	8.0	5.5	2.0	3.5
29	20.0	17.5	18.5	21.5	20.5	21.0	10.5	8.0	9.0	9.5	4.5	6.5
30	17.5	16.5	17.0	21.5	20.5	21.5	9.5	8.0	9.0	11.0	7.5	9.0
31	18.5	17.0	18.0	---	---	---	10.0	7.5	8.5	11.5	7.0	9.0
MONTH	33.0	16.5	21.5	22.5	13.5	19.0	20.5	4.0	10.5	15.5	2.0	10.0

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	8.0	10.0	13.0	10.0	11.0	23.0	17.5	20.5	24.5	21.0	23.0
2	15.0	10.5	12.5	11.0	5.5	9.0	23.0	18.0	20.5	24.5	21.5	23.0
3	16.0	11.5	13.5	16.0	9.0	12.0	23.0	18.5	21.0	22.5	21.0	21.5
4	16.5	12.5	14.5	13.5	11.0	12.5	24.0	20.0	22.0	21.5	19.0	20.5
5	15.5	13.5	14.5	15.5	10.0	12.5	24.0	20.0	22.0	20.5	18.5	20.0
6	16.0	14.0	15.0	15.0	10.0	12.5	24.0	20.5	22.5	21.5	19.0	20.0
7	16.5	13.0	15.0	16.0	10.0	13.0	24.5	21.0	22.5	22.5	21.0	21.5
8	14.0	11.5	12.5	14.5	10.5	12.5	23.5	21.5	22.5	23.5	21.5	22.5
9	13.5	11.0	12.0	13.5	10.0	13.0	22.5	19.0	21.0	24.0	22.0	23.0
10	13.5	12.5	13.0	17.0	13.0	15.5	20.0	17.0	18.5	23.0	21.0	22.0
11	14.0	11.5	13.5	19.5	15.5	17.5	20.0	16.0	15.0	21.5	20.0	20.5
12	11.0	8.0	9.5	21.0	16.5	18.5	19.5	16.5	18.0	23.0	20.5	21.5
13	9.0	5.5	7.0	21.5	19.0	20.5	22.0	18.0	20.0	22.5	21.5	22.0
14	10.0	5.0	7.5	20.0	18.0	19.0	21.5	18.5	20.0	23.0	21.5	22.5
15	11.5	8.5	10.0	20.0	17.0	18.5	21.0	19.0	20.5	23.5	21.5	22.5
16	12.5	7.0	9.5	20.5	17.0	19.0	21.0	17.5	19.5	23.0	21.5	22.5
17	15.5	10.5	12.5	21.5	17.0	19.0	19.5	16.0	18.0	23.5	22.0	23.0
18	17.0	13.5	15.0	21.0	17.5	19.5	21.0	16.0	18.5	23.5	22.0	23.0
19	17.5	14.5	16.0	20.5	18.5	20.0	22.0	17.5	19.5	23.5	22.5	23.0
20	19.5	14.5	17.0	20.0	17.0	18.5	20.5	17.0	19.0	24.0	22.0	23.0
21	19.0	15.5	17.5	16.5	14.5	15.5	21.5	18.5	20.0	24.0	22.0	23.5
22	18.5	15.5	17.0	14.5	11.5	13.0	20.0	17.5	19.0	23.5	21.0	22.5
23	18.0	14.5	16.5	14.0	10.5	12.5	18.5	15.5	17.0	23.5	20.5	22.0
24	17.0	13.0	14.5	16.5	12.0	14.0	19.0	15.0	17.0	24.5	21.5	23.0
25	15.5	12.0	13.5	18.0	14.5	16.5	20.5	16.0	18.5	26.0	23.0	24.5
26	14.5	10.5	12.5	20.0	16.5	18.0	22.5	18.5	20.5	26.5	24.5	25.5
27	16.5	13.0	14.5	20.5	17.0	19.0	24.5	20.5	22.5	26.0	24.5	25.0
28	15.5	12.0	13.5	21.0	16.5	19.0	24.5	22.0	23.5	26.0	24.5	25.0
29	---	---	---	21.0	16.0	18.5	25.0	21.5	23.5	26.5	24.5	25.5
30	---	---	---	22.0	16.5	19.0	25.0	21.0	23.0	27.5	25.0	26.0
31	---	---	---	22.5	17.0	20.0	---	---	---	27.5	25.5	26.5
MONTH	19.5	5.0	13.0	22.5	5.5	16.0	25.0	15.0	20.5	27.5	18.5	23.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.0	26.0	28.5	26.5	27.5	29.0	27.0	28.0	21.0	10.5	17.0
2	26.5	25.0	26.0	28.5	26.5	27.5	28.5	27.0	28.0	21.0	21.0	21.0
3	26.5	24.5	25.5	27.5	26.0	27.0	28.0	26.5	27.5	---	---	---
4	25.0	24.0	24.5	27.0	25.5	26.5	27.5	26.0	27.0	---	---	---
5	26.0	23.5	25.0	26.0	25.0	25.5	26.5	25.0	26.0	---	---	---
6	26.5	24.5	25.5	27.0	25.0	26.0	27.0	25.5	26.0	---	---	---
7	27.0	25.5	26.0	28.0	25.5	27.0	27.0	25.0	26.0	---	---	---
8	27.5	26.0	26.5	28.5	26.5	27.5	---	---	---	---	---	---
9	28.5	26.0	27.0	29.0	27.0	28.0	---	---	---	---	---	---
10	28.0	26.0	27.0	29.0	26.5	28.0	---	---	---	24.0	23.0	23.5
11	28.0	26.5	27.0	29.0	27.0	28.0	---	---	---	25.0	20.0	24.0
12	28.5	26.5	27.5	29.5	27.0	28.0	---	---	---	25.5	20.0	24.5
13	28.5	27.0	27.5	30.0	27.0	28.5	---	---	---	25.0	24.0	24.5
14	28.0	26.0	27.0	29.5	27.0	28.5	---	---	---	24.5	23.5	24.0
15	27.5	26.5	27.0	29.0	26.5	28.0	26.0	24.5	25.5	23.5	22.0	23.0
16	27.5	26.0	26.5	29.0	26.5	27.5	27.0	22.0	25.0	24.0	22.5	23.0
17	27.5	26.0	27.0	28.0	26.0	27.0	26.5	20.5	22.5	23.5	22.5	23.0
18	27.0	26.0	26.5	29.0	26.5	27.5	22.5	20.5	21.5	22.5	21.5	22.0
19	27.5	25.5	26.5	29.5	27.0	28.5	22.0	20.5	21.0	23.5	22.0	22.5
20	27.5	25.5	26.5	29.5	27.5	28.5	25.0	20.0	21.0	24.0	22.5	23.0
21	28.0	26.5	27.0	29.5	28.0	28.5	25.0	20.0	22.5	25.5	23.5	24.5
22	27.0	25.5	26.5	28.0	27.0	27.5	25.0	20.0	22.5	25.5	24.0	25.0
23	27.0	25.0	26.0	28.5	26.0	27.0	27.0	20.0	22.5	26.0	24.5	25.0
24	27.0	25.5	26.5	28.5	26.5	27.5	27.5	20.5	23.0	25.5	24.5	25.0
25	28.0	26.0	27.0	28.5	26.5	27.5	26.5	20.5	24.0	25.5	24.5	25.0
26	28.5	27.0	27.5	27.5	26.0	26.5	26.5	20.5	25.5	26.0	24.5	25.5
27	28.5	27.0	27.5	28.0	25.5	26.5	27.5	25.0	26.5	26.5	25.0	25.5
28	29.0	27.0	28.0	28.5	26.5	27.5	27.0	25.5	26.0	26.5	25.5	26.0
29	28.5	26.5	27.5	28.5	27.0	28.0	25.0	20.5	22.0	26.5	25.5	26.0
30	28.5	27.0	28.0	28.5	26.5	27.5	20.5	13.5	19.0	26.0	25.5	26.0
31	---	---	---	28.5	26.0	27.5	18.5	10.0	14.0	---	---	---
MONTH	29.0	23.5	26.5	30.0	25.0	27.5	29.0	10.0	24.0	26.5	10.5	24.0
YEAR	33.0	2.0	19.5									

02197362 P-019 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'06", long 81°35'00", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left wingwall of concrete weir, 50 ft north of junction of L-Line and Main Line railroad track, 1500 ft northwest of P-Area.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Jun. 13-16 and Jul. 12-15, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 550 ft³/s, Sept. 16, 1986. gage height, 4.22 ft; no flow, Apr. 13-29, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 550 ft³/s, Sept. 16, gage height, 4.22 ft; minimum daily, 1 ft³/s, Jul. 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	217	430	333	416	421	425	421	412	318	22	133	433
2	99	430	104	418	421	431	421	418	97	35	136	434
3	340	432	101	422	422	420	424	417	119	44	133	433
4	369	436	158	424	422	433	425	422	79	36	130	434
5	201	434	150	423	422	444	425	436	63	66	123	433
6	409	428	138	427	424	440	425	418	63	69	137	453
7	411	428	133	434	424	427	424	418	41	92	151	434
8	417	429	153	434	423	425	422	419	34	83	97	436
9	417	427	155	432	395	425	420	318	29	20	80	434
10	417	428	145	430	105	425	411	93	26	56	145	440
11	416	427	187	429	136	426	407	48	20	21	130	458
12	420	425	142	432	160	429	417	88	18	11	117	476
13	421	416	149	414	244	428	415	328	16	5.0	95	450
14	427	417	153	221	408	424	430	402	15	2.4	81	441
15	432	417	415	149	414	424	429	413	13	1.0	125	470
16	418	416	439	151	423	386	422	415	15	34	67	483
17	417	416	435	208	420	113	422	408	18	65	257	445
18	412	416	434	346	421	113	418	405	21	86	63	434
19	417	427	429	413	411	142	422	414	22	122	72	434
20	404	423	411	425	409	388	414	422	20	121	63	433
21	196	423	403	419	418	409	194	423	22	124	143	436
22	175	426	408	427	438	415	125	421	40	126	416	433
23	157	424	409	432	432	416	148	419	25	128	420	439
24	345	422	409	430	420	417	299	417	27	127	418	439
25	427	420	409	443	420	416	404	418	24	134	420	437
26	431	420	412	445	422	418	421	422	26	114	419	435
27	417	419	411	436	421	422	370	423	33	65	424	435
28	417	419	410	422	423	433	122	422	27	84	426	440
29	419	419	412	423	---	430	118	418	24	100	427	434
30	429	418	411	422	---	431	334	421	20	114	433	434
31	441	---	372	422	---	428	---	425	---	100	432	---
TOTAL	11335	12712	9230	12169	10719	12203	10949	11743	1315	2207.4	6713	13230
MEAN	366	424	298	393	383	394	365	379	43.8	71.2	217	441
MAX	441	436	439	445	438	444	430	436	318	134	433	483
MIN	99	416	101	149	105	113	118	48	13	1.0	63	433

CAL YR 1985	TOTAL	120808.63	MEAN	331	MAX	441	MIN	.00
WTR YR 1986	TOTAL	114525.4	MEAN	314	MAX	483	MIN	1.0

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 75.5°C May 24, 27, 28, 1986; minimum, 5.0°C Jan. 24, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 75.5°C May 24, 27, 28; minimum, 9.5°C Jan. 16.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.5	25.0	25.5	70.0	68.5	69.5	71.0	21.5	44.5	14.0	12.0	12.5
2	26.0	25.0	26.0	69.5	69.0	69.5	21.5	19.0	20.5	50.0	12.0	36.0
3	25.5	24.5	25.0	69.5	68.5	69.0	19.0	16.5	18.0	59.0	47.5	54.0
4	25.0	24.5	25.0	69.0	66.5	68.0	17.0	16.5	17.0	62.5	59.0	61.0
5	24.5	23.5	24.0	68.5	68.0	68.0	16.5	16.0	16.0	62.5	61.5	62.0
6	33.5	24.0	26.0	70.0	66.0	69.0	16.0	15.5	16.0	62.0	59.0	61.0
7	70.5	33.0	56.0	69.5	68.0	69.0	15.5	15.0	15.5	62.0	59.5	60.0
8	72.0	66.5	70.5	69.0	65.5	68.5	15.5	15.0	15.0	61.5	59.5	60.5
9	72.5	71.5	72.0	69.5	68.0	69.0	15.5	15.0	15.5	61.0	59.5	60.5
10	73.0	70.0	71.5	69.5	68.5	69.0	16.0	15.5	15.5	62.5	59.0	61.0
11	73.0	71.0	72.5	69.5	68.5	69.5	16.5	15.5	16.0	62.5	61.0	62.0
12	72.0	70.0	71.5	71.5	68.5	59.5	36.5	16.5	17.5	63.0	62.0	62.5
13	72.0	70.5	71.5	71.5	70.5	71.0	17.0	16.5	16.5	65.5	13.5	46.5
14	72.0	69.5	71.5	71.5	70.5	71.0	16.5	15.5	16.0	13.5	10.0	11.0
15	72.5	68.0	70.0	71.5	70.5	71.0	15.5	14.0	15.0	10.5	10.0	10.0
16	72.5	71.5	72.0	72.0	71.0	71.5	14.5	14.0	14.0	10.0	9.5	10.0
17	73.0	72.0	72.5	72.0	71.0	71.5	26.5	13.5	19.0	11.0	10.0	10.5
18	73.0	70.0	72.5	72.5	71.5	72.0	54.5	26.5	39.0	12.0	11.0	11.5
19	73.0	72.0	72.5	72.5	69.5	70.5	59.0	13.5	43.5	29.0	12.0	15.0
20	72.5	24.5	57.0	71.0	70.0	70.5	21.5	12.5	14.0	43.0	28.5	40.5
21	25.0	24.0	24.5	70.5	69.0	70.0	60.5	22.0	42.0	62.5	42.0	54.5
22	25.0	24.0	24.5	70.5	67.5	70.0	61.5	58.0	60.5	62.5	58.5	60.5
23	25.0	24.5	24.5	70.5	69.5	70.0	61.0	57.5	59.0	62.0	60.5	61.5
24	25.0	24.5	25.0	70.5	69.5	70.0	62.0	60.5	61.0	62.0	60.0	61.0
25	58.5	26.0	47.5	70.5	69.5	70.0	62.0	61.5	62.0	60.0	56.0	59.5
26	72.0	64.0	66.5	71.0	67.5	70.0	61.0	58.0	59.5	60.0	59.0	59.5
27	72.5	71.0	72.0	71.0	70.5	70.5	61.0	58.5	60.0	62.5	59.0	60.5
28	72.0	69.5	71.5	71.0	70.0	70.5	62.5	61.0	61.5	62.0	61.0	62.0
29	72.0	70.5	71.0	71.0	70.5	70.5	63.0	60.5	62.0	62.0	61.5	62.0
30	71.5	67.0	69.5	71.5	70.5	71.0	62.5	61.0	62.0	63.0	60.5	62.5
31	69.0	66.5	67.5	---	---	---	62.5	14.0	50.0	63.5	62.0	63.0
MONTH	73.0	23.5	54.5	72.5	65.5	70.0	71.0	12.5	33.5	65.5	9.5	47.5

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	64.5	61.0	62.5	67.5	65.5	66.5	72.0	70.5	71.5	68.5	23.0	50.5
2	64.5	63.5	64.0	67.5	64.0	65.5	71.5	70.5	71.0	72.0	68.0	71.0
3	64.5	63.5	64.0	68.5	67.0	68.0	72.0	70.5	71.5	73.0	72.0	72.5
4	66.5	64.0	65.5	69.0	63.0	56.0	72.0	70.0	71.0	72.5	63.5	71.5
5	67.5	66.0	66.5	65.5	64.5	65.0	71.5	70.5	71.0	73.0	63.0	70.5
6	67.5	65.0	66.0	68.0	64.0	65.5	71.5	70.5	71.0	74.0	73.0	73.5
7	67.5	65.0	66.0	68.5	66.5	67.5	71.5	70.5	71.0	74.5	72.0	73.5
8	67.5	65.0	66.0	67.5	65.0	67.0	72.5	71.5	72.0	74.0	71.5	73.0
9	67.5	16.5	48.0	67.5	66.5	67.0	72.5	69.0	71.5	74.0	26.0	38.5
10	17.0	14.5	15.5	68.0	67.0	67.5	73.0	20.0	47.0	26.5	25.0	25.5
11	15.0	12.5	14.5	70.0	67.0	67.5	58.5	20.0	39.0	26.0	24.0	25.0
12	12.5	11.0	11.5	68.5	65.5	67.5	73.0	58.5	69.5	25.0	23.0	24.0
13	11.5	10.5	11.0	69.0	67.5	68.5	74.0	72.5	73.5	24.0	23.0	23.5
14	37.0	11.0	15.5	68.5	66.5	68.0	73.5	68.0	72.0	52.5	24.0	27.0
15	60.5	37.5	49.5	69.0	66.5	68.0	73.0	71.5	72.0	69.5	53.0	65.5
16	65.0	59.0	62.5	69.5	19.0	48.0	71.0	20.0	36.0	73.5	66.5	70.0
17	67.0	65.0	66.0	19.5	18.5	19.0	60.0	28.0	50.5	74.0	25.0	38.0
18	67.5	65.5	66.5	20.5	18.5	19.5	71.5	59.0	67.0	53.0	23.5	28.0
19	68.0	14.5	43.5	20.5	17.5	20.0	72.5	71.0	72.0	73.0	53.5	67.5
20	43.5	13.5	20.5	18.5	17.0	18.0	72.5	22.5	56.5	73.5	64.5	69.5
21	68.5	45.0	59.5	64.5	20.0	49.5	23.0	18.5	21.5	74.0	66.0	72.0
22	66.0	64.5	65.0	68.5	64.5	67.5	20.5	18.5	20.0	74.5	62.5	70.5
23	68.5	65.0	66.5	68.5	67.5	68.0	20.0	19.5	20.0	75.0	71.0	74.5
24	70.0	65.5	68.5	69.5	68.0	68.5	20.5	19.5	20.0	75.5	74.5	75.0
25	68.5	64.5	67.5	70.0	69.5	69.5	30.0	20.0	21.0	75.0	72.5	74.5
26	69.0	65.0	68.0	71.0	68.5	69.5	69.0	35.5	61.0	75.0	73.5	74.5
27	69.0	68.0	68.5	69.5	68.0	68.5	66.5	22.5	48.5	75.5	72.0	74.5
28	68.0	66.5	67.5	69.5	67.0	68.5	22.5	21.0	21.5	75.5	73.5	74.0
29	---	---	---	70.0	69.0	69.5	21.5	20.5	21.0	75.0	74.0	74.5
30	---	---	---	69.5	68.5	69.0	23.0	21.0	22.0	75.0	73.0	74.0
31	---	---	---	71.5	68.0	69.5	---	---	---	74.0	73.0	73.5
MONTH	70.0	10.5	52.5	71.5	17.0	60.0	74.0	18.5	52.5	75.5	23.0	60.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	74.5	27.5	42.5	30.0	25.0	28.5	29.0	27.5	28.5	63.0	60.5	62.0
2	28.0	26.0	26.5	26.5	25.0	26.0	28.5	27.0	28.0	65.0	63.0	64.0
3	27.0	25.5	26.5	25.5	20.0	23.5	28.0	27.0	28.0	65.5	63.0	65.0
4	28.0	27.0	27.5	25.5	24.0	25.0	28.0	27.0	27.5	66.0	64.5	65.5
5	28.5	28.0	28.0	24.5	24.0	24.0	28.0	27.5	28.0	67.0	64.5	66.0
6	28.5	28.0	28.5	24.5	23.5	24.0	28.0	27.5	28.0	68.0	65.5	67.0
7	29.0	28.5	29.0	24.5	24.0	24.5	28.0	25.5	26.5	68.0	67.0	67.5
8	29.0	28.0	28.5	27.5	24.0	25.5	27.0	25.0	26.5	68.0	65.0	67.5
9	28.5	28.0	28.0	31.0	26.0	27.5	25.0	25.0	25.0	69.5	67.5	68.5
10	29.0	28.0	28.5	29.5	26.0	27.0	25.0	24.5	24.5	70.0	68.5	69.5
11	30.0	27.5	28.5	30.5	14.5	27.0	25.0	24.5	25.0	70.0	63.0	67.0
12	31.0	30.0	30.5	31.0	27.5	29.0	25.5	25.0	25.0	69.0	61.0	65.0
13	31.0	30.5	31.0	31.0	23.5	28.5	25.5	25.0	25.5	69.0	65.5	67.0
14	31.0	30.5	30.5	31.5	27.0	29.5	25.5	24.5	25.0	70.0	65.5	69.0
15	31.0	30.5	30.5	29.5	25.5	28.5	26.5	24.0	25.0	70.5	59.5	66.5
16	30.5	20.0	29.5	---	---	---	25.0	24.0	24.5	70.5	60.0	65.5
17	30.5	23.5	29.5	---	---	---	28.0	24.0	27.0	71.5	68.0	70.0
18	30.5	28.5	29.5	29.0	28.5	28.5	26.0	25.5	25.5	71.5	70.0	71.0
19	28.5	15.0	27.0	29.0	28.5	29.0	25.5	25.0	25.0	71.0	70.0	71.0
20	29.0	26.5	28.0	29.0	28.5	29.0	25.5	24.5	25.0	71.5	70.5	71.0
21	29.0	19.5	26.5	29.0	28.5	28.5	27.0	24.5	25.0	72.0	70.0	71.0
22	28.5	26.5	27.5	29.5	28.0	29.0	28.0	27.0	27.5	72.5	71.5	72.0
23	27.5	26.0	27.0	29.5	28.0	29.0	27.5	27.0	27.5	72.5	69.0	71.5
24	27.5	26.0	27.0	27.5	25.0	26.0	28.0	27.5	28.0	71.5	69.0	70.5
25	27.5	27.0	27.0	25.0	24.0	25.0	29.5	28.0	29.0	72.0	70.0	71.0
26	28.5	27.5	28.0	24.5	24.0	24.0	29.0	27.0	28.0	72.0	67.5	70.5
27	28.0	26.5	27.0	25.0	24.0	24.5	27.5	27.0	27.0	70.5	69.5	70.0
28	27.5	25.5	26.5	25.5	24.0	24.5	52.0	26.5	36.0	71.5	64.0	70.5
29	28.5	26.0	27.5	28.0	25.5	27.0	51.5	26.0	40.0	72.0	70.0	71.5
30	30.0	28.5	29.0	28.5	27.5	28.0	51.0	49.0	50.0	72.5	68.5	71.0
31	---	---	---	29.0	28.0	28.5	61.0	49.0	59.0	---	---	---
MONTH	74.5	15.0	28.5	31.5	14.5	27.0	61.0	24.0	29.0	72.5	59.5	68.5
YEAR	75.5	9.5	48.5									

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC

LOCATION.--Lat 33°04'58", long 81°35'54", Allendale County, Hydrologic Unit 03060106, on left bank 2.8 mi downstream from Steel Creek, 12.6 mi upstream from Lower Three Runs, 3.7 mi west of Millett and at mile 138.8.

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.4°C Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 27.5°C July 15-18; minimum, 6.5°C Jan. 31.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.5	21.0	21.0	19.0	18.5	18.5	19.0	18.5	18.5	10.5	10.0	10.0
2	21.5	21.0	21.5	19.0	18.5	19.0	18.5	18.0	18.5	10.5	10.5	10.5
3	21.5	21.5	21.5	19.0	19.0	19.0	18.0	16.5	17.5	11.0	10.5	11.0
4	21.5	21.0	21.5	19.0	19.0	19.0	16.5	15.5	16.0	11.0	11.0	11.0
5	21.5	21.5	21.5	19.0	18.0	18.5	15.5	14.5	15.0	11.5	11.0	11.0
6	21.5	21.5	21.5	18.0	17.5	17.5	14.5	14.0	14.0	11.0	10.5	11.0
7	21.5	21.0	21.0	17.5	17.0	17.0	14.0	13.5	13.5	11.0	10.5	10.5
8	21.0	20.0	20.5	17.0	17.0	17.0	13.5	13.0	13.0	11.0	10.0	10.0
9	20.0	20.0	20.0	17.0	16.5	16.5	13.0	13.0	13.0	10.0	8.0	9.5
10	20.5	20.0	20.0	17.0	16.5	16.5	13.0	13.0	13.0	9.5	9.5	9.5
11	20.5	20.0	20.5	17.5	17.0	17.0	13.5	13.0	13.5	9.5	9.5	9.5
12	21.0	20.5	20.5	17.5	17.5	17.5	14.5	13.5	14.0	9.5	9.0	9.5
13	21.5	21.0	21.0	18.5	18.0	18.0	15.0	14.5	14.5	9.5	9.5	9.5
14	22.0	21.5	21.5	19.0	18.5	18.5	15.5	15.0	15.0	9.5	9.5	9.5
15	22.5	22.0	22.0	19.0	18.5	18.5	15.0	14.0	14.5	9.5	9.5	9.5
16	22.5	22.0	22.5	19.0	19.0	19.0	14.0	13.0	13.0	10.0	9.0	9.5
17	22.5	22.5	22.5	19.5	19.0	19.0	13.0	12.0	12.5	9.5	9.0	9.5
18	22.5	22.0	22.0	19.5	19.0	19.5	12.0	12.0	12.0	10.0	9.5	9.5
19	22.0	22.0	22.0	19.5	19.5	19.5	12.0	11.5	11.5	10.5	10.0	10.5
20	22.0	22.0	22.0	19.5	19.5	19.5	11.5	11.5	11.5	10.5	10.5	10.5
21	22.0	22.0	22.0	20.0	19.5	19.5	11.5	11.0	11.0	10.5	10.5	10.5
22	22.0	21.5	22.0	20.0	19.5	20.0	11.0	10.5	10.5	10.5	10.0	10.0
23	21.5	21.0	21.5	19.5	18.5	19.0	10.5	10.5	10.5	10.5	10.0	10.0
24	21.0	21.0	21.0	18.5	18.0	18.0	11.0	10.5	11.0	10.5	10.0	10.0
25	21.0	21.0	21.0	18.0	17.0	17.5	11.0	10.5	11.0	10.0	10.0	10.0
26	21.0	21.0	21.0	17.0	17.0	17.0	10.5	10.0	10.0	10.0	9.5	10.0
27	21.0	20.5	20.5	17.5	17.5	17.5	9.5	9.5	9.5	9.5	8.0	9.0
28	20.5	20.5	20.5	18.0	17.5	17.5	9.5	9.5	9.5	8.0	7.0	7.5
29	20.5	20.0	20.0	18.5	18.0	18.5	9.5	9.5	9.5	7.0	7.0	7.0
30	20.0	19.0	19.5	19.0	18.5	19.0	9.5	9.5	9.5	7.0	7.0	7.0
31	19.0	18.5	18.5	---	---	---	10.0	9.5	9.5	7.0	6.5	6.5
MONTH	22.5	18.5	21.0	20.0	16.5	18.5	19.0	9.5	13.0	11.5	6.5	9.5

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	7.0	7.0	13.0	12.5	12.5	18.0	16.5	17.0	22.0	20.0	21.0
2	8.5	7.5	8.0	12.5	12.0	12.0	18.5	16.5	17.5	22.0	20.0	21.0
3	9.5	8.5	9.0	12.0	12.0	12.0	19.0	17.0	18.0	21.5	19.5	20.5
4	10.0	9.5	9.5	12.5	12.0	12.0	19.0	17.5	18.0	20.5	19.0	20.0
5	10.5	10.0	10.5	12.5	12.0	12.0	19.0	17.5	18.5	20.0	18.5	19.5
6	11.0	10.5	11.0	13.0	12.0	12.5	19.5	18.0	18.5	20.5	19.0	20.0
7	11.0	11.0	11.0	13.5	13.0	13.0	19.5	18.0	19.0	---	---	---
8	11.0	11.0	11.0	13.5	13.0	13.5	19.5	18.5	19.0	---	---	---
9	11.0	10.5	11.0	13.5	13.0	13.5	19.0	17.5	18.5	---	---	---
10	11.0	11.0	11.0	14.5	13.5	14.0	17.5	16.5	17.0	---	---	---
11	11.0	11.0	11.0	15.0	14.5	14.5	17.0	15.5	16.5	---	---	---
12	11.0	10.5	10.5	16.5	15.0	15.5	16.5	15.5	16.0	---	---	---
13	10.5	9.5	10.0	17.0	15.5	16.5	17.5	15.5	16.5	---	---	---
14	9.5	9.5	9.5	16.5	16.0	16.0	18.0	17.0	17.5	20.5	20.0	20.5
15	9.5	9.0	9.5	16.0	15.5	16.0	18.5	17.0	17.5	21.0	20.0	20.5
16	9.5	9.0	9.5	16.0	15.5	15.5	18.5	17.0	17.5	21.0	20.5	20.5
17	10.5	9.5	10.0	16.5	14.5	15.5	17.5	16.0	17.0	21.0	20.5	20.5
18	11.5	10.5	11.0	16.0	15.0	15.5	17.5	16.0	17.0	21.5	20.5	21.0
19	12.0	11.5	11.5	16.5	16.0	16.0	18.0	16.0	17.0	21.5	21.0	21.5
20	12.5	12.0	12.0	16.0	15.0	15.5	18.0	16.0	17.0	21.5	21.0	21.5
21	13.0	12.5	13.0	15.0	13.5	14.5	19.0	17.5	18.0	22.0	21.5	21.5
22	13.5	13.0	13.5	13.5	13.0	13.0	19.0	17.5	18.0	22.0	21.0	21.5
23	14.5	14.0	14.0	13.0	12.0	12.5	18.0	16.5	17.0	21.5	20.5	21.0
24	14.5	14.0	14.5	13.5	12.0	13.0	18.0	16.0	17.0	21.5	20.5	21.0
25	14.5	14.0	14.0	14.5	13.0	14.0	18.0	16.0	17.0	23.0	21.0	21.5
26	14.0	13.5	13.5	15.5	14.0	15.0	19.5	17.0	18.0	23.5	22.0	23.0
27	13.5	13.0	13.0	16.5	15.0	15.5	21.0	18.5	19.5	23.5	22.5	23.0
28	13.0	13.0	13.0	17.0	15.5	16.0	21.0	19.5	20.5	24.0	22.5	23.0
29	---	---	---	17.0	15.5	16.5	21.5	19.5	20.5	23.5	22.5	23.0
30	---	---	---	17.5	15.5	16.5	22.0	19.5	21.0	22.5	21.5	22.0
31	---	---	---	18.0	16.0	17.0	---	---	---	23.0	22.5	22.5
MONTH	14.5	7.0	11.0	18.0	12.0	14.5	22.0	15.5	18.0	24.0	18.5	21.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.0	21.5	22.5	26.0	24.5	25.5	26.5	25.5	26.0	22.0	21.5	22.0
2	23.5	22.5	23.0	26.0	25.0	25.5	26.0	25.5	25.5	21.5	21.5	21.5
3	23.0	22.5	23.0	25.0	24.0	24.5	26.0	25.0	25.5	22.0	21.5	21.5
4	23.0	22.0	22.5	25.0	23.5	24.0	26.0	25.0	25.5	22.5	22.5	22.5
5	24.0	22.5	23.0	25.0	23.5	24.0	25.5	25.0	25.5	23.0	22.5	22.5
6	23.5	22.5	23.0	25.5	24.0	24.5	25.5	25.0	25.5	23.0	23.0	23.0
7	23.5	22.5	23.0	25.5	24.5	25.0	26.0	25.0	25.5	23.0	23.0	23.0
8	24.0	22.5	23.5	26.0	25.0	25.5	25.5	25.0	25.5	23.5	23.0	23.0
9	25.0	23.0	24.0	26.0	25.0	26.0	25.5	25.0	25.0	23.5	23.5	23.5
10	25.5	24.0	24.5	25.5	24.0	25.0	25.5	25.0	25.5	24.5	23.5	24.0
11	25.5	24.5	25.0	24.0	23.5	23.5	25.5	25.0	25.5	25.0	24.0	24.5
12	26.0	24.5	25.5	25.0	23.5	24.5	26.0	25.0	25.5	25.0	24.0	24.5
13	25.5	24.5	25.0	26.0	24.0	25.0	26.0	25.5	25.5	24.5	23.5	24.0
14	25.0	24.0	24.5	26.5	25.0	26.0	26.0	24.5	25.0	25.0	23.5	24.0
15	25.0	24.0	24.5	27.5	25.5	26.5	24.5	23.5	24.0	24.5	23.0	24.0
16	25.0	23.5	24.5	27.5	26.0	27.0	25.0	24.0	24.5	24.5	23.5	24.0
17	25.5	23.5	24.5	27.5	26.0	26.5	25.5	25.0	25.0	24.5	24.0	24.5
18	25.5	24.5	25.0	27.5	26.0	26.5	26.0	25.0	25.5	24.5	23.5	24.0
19	25.0	24.0	24.0	26.0	24.5	25.5	26.0	25.5	25.5	24.0	23.0	24.0
20	24.0	23.0	23.5	25.0	24.5	24.5	25.5	25.0	25.5	24.5	23.5	24.0
21	24.0	23.0	23.5	25.5	24.5	25.0	25.0	24.5	25.0	24.0	22.5	23.0
22	24.5	23.0	23.5	25.5	24.0	24.5	24.5	24.0	24.0	24.0	23.0	23.5
23	24.5	23.0	24.0	25.5	25.0	25.5	25.0	24.0	24.5	25.0	23.5	24.5
24	25.0	23.5	24.0	26.0	25.5	25.5	25.0	25.0	25.0	25.0	24.0	24.5
25	24.5	23.5	24.0	26.0	24.5	25.5	25.5	25.0	25.0	26.0	25.0	25.5
26	23.5	23.0	23.5	25.5	24.5	25.0	25.5	25.0	25.0	26.0	24.5	25.0
27	25.0	23.0	24.0	25.0	24.5	25.0	26.0	25.5	25.5	25.5	24.5	25.0
28	25.5	24.0	24.5	25.0	24.5	24.5	26.5	26.0	26.0	26.0	24.5	25.0
29	25.5	24.0	25.0	25.5	24.5	25.0	26.0	25.0	26.0	26.0	25.0	25.5
30	26.0	24.5	25.0	25.5	24.5	25.5	25.0	23.5	24.0	26.0	25.0	25.5
31	---	---	---	26.5	25.5	26.0	23.5	22.0	22.5	---	---	---
MONTH	26.0	21.5	24.0	27.5	23.5	25.0	26.5	22.0	25.0	26.0	21.5	24.0
YEAR	27.5	6.5	18.5									

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'07", long 81°31'00", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left upstream side of bridge at SRP Road B.

PERIOD OF RECORD.--April 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since April 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 36.5°C, May 8, 1986; minimum, 8.0°C, Jan. 26, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 36.5°C, May 8; minimum, 10.5°C, Jan. 28-Feb. 1.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	23.0	23.5	21.0	20.0	20.5	22.0	21.0	21.5	13.5	12.0	12.5
2	24.5	23.5	24.0	21.0	20.0	20.5	21.0	19.5	20.5	13.5	12.5	13.0
3	26.0	24.0	24.5	21.0	20.0	20.5	19.5	19.0	19.5	13.5	13.0	13.0
4	26.0	24.0	25.0	21.0	19.5	20.5	19.0	18.5	18.5	13.0	12.5	12.5
5	25.5	23.5	24.5	19.5	18.5	19.0	18.5	18.0	18.0	13.0	12.5	12.5
6	24.0	22.5	23.0	20.5	18.5	19.5	17.5	17.0	17.5	13.0	12.0	12.5
7	23.5	21.5	22.5	20.0	18.5	19.0	17.0	16.5	17.0	14.5	12.0	13.0
8	22.5	21.5	22.0	19.5	18.0	18.5	17.0	16.5	16.5	13.0	12.0	12.5
9	23.5	21.5	22.0	20.0	18.0	19.0	17.0	16.0	16.5	12.5	11.5	12.0
10	23.5	21.5	22.5	22.5	18.5	20.5	17.0	16.0	16.5	12.5	12.0	12.0
11	23.0	22.5	23.0	22.5	20.5	21.0	16.5	16.0	16.5	13.0	12.5	12.5
12	23.5	22.5	23.0	22.0	21.0	21.5	16.5	16.5	16.5	13.0	12.5	12.5
13	25.5	23.0	24.0	23.0	22.0	22.5	16.5	16.5	16.5	12.5	12.0	12.0
14	26.5	23.0	24.5	23.5	22.0	22.5	16.5	15.5	16.0	12.0	11.5	12.0
15	25.5	23.5	24.5	24.5	22.0	23.0	15.5	15.0	15.0	12.0	11.5	12.0
16	25.5	23.5	24.5	22.5	21.5	22.0	15.0	14.5	15.0	12.5	11.5	12.0
17	25.0	24.0	[illegible]	23.5	21.5	22.0	14.5	14.5	14.5	13.5	12.0	12.5
18	25.0	23.0	24.0	23.5	21.5	22.5	14.5	14.0	14.5	13.5	12.0	12.5
19	25.0	23.0	23.5	23.0	22.0	22.5	14.0	13.5	14.0	12.5	11.5	12.5
20	26.0	23.0	24.0	23.5	23.0	23.0	13.5	13.0	13.5	12.0	11.5	11.5
21	26.0	23.0	24.5	23.0	21.5	22.5	13.0	13.0	13.0	12.5	11.5	12.0
22	24.0	23.0	23.0	21.5	19.5	21.0	13.0	12.5	12.5	13.0	11.5	12.5
23	23.5	22.0	23.0	21.5	20.5	21.0	13.0	12.5	13.0	13.0	12.5	12.5
24	24.5	20.5	22.0	21.5	20.5	21.0	13.0	12.5	12.5	12.5	12.0	12.0
25	23.0	19.0	20.5	21.5	21.0	21.0	13.0	11.5	12.5	13.0	12.0	12.5
26	22.0	18.5	19.5	21.5	21.0	21.0	12.0	11.5	11.5	13.0	12.5	13.0
27	20.0	18.5	19.0	21.5	20.5	21.0	12.0	11.5	11.5	12.5	11.0	11.5
28	21.0	19.0	19.5	21.0	20.5	21.0	13.0	11.5	12.0	11.0	10.5	10.5
29	19.5	18.0	19.0	22.0	20.5	21.0	13.5	12.0	12.5	11.0	10.5	10.5
30	18.0	17.5	18.0	22.0	21.0	21.5	13.0	12.0	12.5	11.5	10.5	11.0
31	20.0	17.5	18.5	---	---	---	12.0	11.5	11.5	11.5	10.5	11.0
MONTH	26.5	17.5	22.5	24.5	18.0	21.0	22.0	11.5	15.0	14.5	10.5	12.0

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	10.5	11.5	15.5	15.0	15.5	24.5	20.0	22.0	32.0	21.0	23.0
2	14.0	11.0	12.5	15.5	14.5	15.0	24.5	20.5	22.5	24.5	22.0	23.0
3	15.0	12.5	13.5	16.0	15.0	15.5	32.5	20.5	23.0	23.5	21.0	22.5
4	15.0	13.5	14.5	15.5	14.5	15.0	32.0	21.0	22.5	23.0	20.0	21.5
5	14.5	12.5	14.0	16.5	15.0	15.5	35.0	21.0	25.0	22.5	20.0	21.5
6	16.5	13.0	14.5	15.5	14.5	15.0	24.5	21.5	23.0	34.0	20.5	23.5
7	17.0	14.0	15.0	16.0	14.5	15.5	25.5	22.5	23.5	35.0	21.5	24.0
8	17.0	14.5	16.5	15.5	14.5	15.0	34.0	22.5	24.0	36.5	23.0	26.5
9	17.0	15.5	16.0	15.5	14.5	15.0	33.5	21.5	24.5	24.5	23.0	24.0
10	15.5	15.0	15.5	15.5	14.5	15.0	30.5	20.5	22.0	24.0	22.5	23.0
11	16.0	15.0	16.0	19.0	15.0	16.5	31.5	20.0	21.0	25.0	22.0	23.5
12	15.0	14.0	14.5	19.0	16.0	17.5	32.0	20.0	22.0	35.0	23.0	24.5
13	14.0	13.0	13.5	18.0	15.5	16.5	34.0	20.5	24.0	24.5	23.0	24.0
14	13.0	12.5	13.0	19.0	18.0	18.5	34.0	20.0	24.0	24.5	23.0	23.5
15	13.0	12.5	13.0	19.5	18.5	19.0	30.5	20.0	21.5	24.5	22.5	23.5
16	13.0	12.5	13.0	31.5	19.0	21.5	31.0	19.5	21.5	24.5	22.5	23.5
17	13.5	12.5	13.0	31.5	20.0	21.5	30.5	19.5	20.5	25.5	23.0	24.0
18	15.0	13.0	13.5	21.0	17.0	18.5	30.0	19.5	21.0	25.0	22.5	23.5
19	15.5	14.0	14.5	19.0	17.5	18.5	22.0	19.5	20.5	24.0	22.5	23.0
20	16.0	14.5	15.5	19.0	18.5	19.0	21.0	19.5	20.0	25.5	23.0	24.0
21	17.0	14.0	16.0	18.5	17.5	18.0	31.0	20.0	21.0	26.0	23.5	24.5
22	17.0	16.0	16.5	17.5	16.5	17.0	31.0	20.0	22.0	25.5	23.0	24.5
23	18.5	16.5	17.5	18.5	16.5	17.5	30.5	19.0	20.5	27.0	23.0	25.0
24	17.0	16.5	16.5	18.0	17.0	17.5	21.5	19.0	20.0	27.0	23.5	25.5
25	16.5	16.0	16.5	18.0	16.5	17.0	32.0	18.5	21.0	28.5	24.5	26.5
26	16.0	15.5	16.0	19.0	17 0	18.5	23.5	20.0	21.5	28.0	25.0	26.0
27	16.5	15.5	16.0	22.0	18.0	20.0	24.0	20.5	22.0	26.0	24.5	25.0
28	16.5	15.5	16.0	20.5	19.0	20.0	32.0	21.0	23.5	27.0	24.0	25.5
29	---	---	---	21.5	19.0	20.0	32.5	22.0	23.5	28.5	24.5	26.5
30	---	---	---	24.0	19.0	21.0	23.5	22.0	22.5	29.5	26.0	27.5
31	---	---	---	24.0	19.5	21.5	---	---	---	29.0	26.5	27.5
MONTH	18.5	10.5	15.0	31.5	14.5	17.5	35.0	18.5	22.0	36.5	20.0	24.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	26.5	28.0	29.5	27.5	28.0	32.0	29.0	30.0	25.0	24.5	25.0
2	29.5	27.5	28.5	29.5	27.5	28.0	30.5	28.5	29.5	25.5	24.5	25.0
3	28.0	26.0	27.0	29.5	27.5	28.0	29.5	28.0	28.5	26.5	25.0	25.5
4	27.0	26.0	26.5	28.5	27.0	27.5	30.5	28.0	28.5	26.0	25.5	25.5
5	27.0	25.5	26.0	28.5	27.0	27.5	29.5	27.5	28.5	27.0	25.5	26.0
6	28.0	25.5	26.5	29.5	27.0	28.0	30.0	27.5	28.0	27.5	26.5	27.0
7	29.5	26.0	27.5	30.5	27.0	28.5	30.0	27.5	28.5	28.0	26.5	27.5
8	29.0	26.5	27.5	30.0	27.5	29.0	29.5	28.5	29.0	28.5	27.0	27.5
9	30.0	26.0	27.5	30.0	28.5	29.0	30.0	28.0	29.0	27.0	26.5	26.5
10	30.0	26.5	27.5	29.5	27.5	28.5	30.0	28.0	29.0	27.0	26.5	27.0
11	30.5	26.5	28.5	29.0	27.0	28.0	29.5	28.0	28.5	27.5	26.5	27.0
12	30.0	28.0	29.0	29.5	27.0	28.0	28.5	28.0	28.5	27.0	26.5	27.0
13	29.5	27.5	28.5	29.5	26.5	27.5	28.5	28.0	28.5	28.0	26.5	27.5
14	30.0	26.5	28.0	30.5	26.5	28.0	28.0	27.5	28.0	28.0	27.0	27.5
15	29.0	26.0	27.0	31.0	26.5	28.0	29.0	27.5	28.0	27.5	27.0	27.0
16	30.0	27.0	28.0	30.0	23.0	26.0	30.0	28.0	29.0	30.0	26.5	28.0
17	29.5	26.5	28.0	28.5	21.0	24.0	30.0	29.0	29.5	28.5	26.5	27.5
18	28.0	27.0	27.5	28.0	20.0	23.5	30.5	28.5	29.5	27.0	26.5	26.5
19	28.5	26.5	27.0	26.5	19.0	22.5	29.5	28.5	29.0	28.0	26.5	27.0
20	30.0	26.5	28.0	26.5	19.0	22.0	28.5	28.0	28.5	29.0	26.5	27.5
21	28.5	26.5	27.5	23.0	18.0	20.5	29.0	28.0	28.0	30.0	27.5	29.0
22	28.5	26.5	27.5	25.0	18.5	21.0	29.5	28.0	28.5	29.5	28.5	29.0
23	29.5	26.0	27.5	26.0	18.0	21.5	30.0	28.5	29.0	30.0	28.5	29.0
24	29.5	26.5	28.0	26.0	18.5	22.0	31.0	29.0	29.5	29.5	28.0	28.5
25	31.5	27.0	28.5	29.0	22.5	26.0	29.5	28.5	29.0	31.0	28.0	29.5
26	28.5	26.5	27.0	30.5	27.5	28.5	28.5	28.0	28.5	31.0	28.5	29.5
27	30.5	27.0	28.0	30.5	28.5	29.5	29.5	28.0	28.5	30.5	29.0	30.0
28	29.5	27.0	28.0	32.0	29.0	30.0	29.0	28.0	28.5	30.5	29.0	29.5
29	29.5	27.5	28.5	30.5	28.5	29.5	28.0	26.5	27.0	29.5	28.5	29.0
30	29.0	27.5	28.0	31.0	28.5	29.5	26.5	25.5	26.0	31.0	28.5	29.5
31	---	---	---	31.0	28.5	29.5	25.5	25.0	25.0	---	---	---
MONTH	31.5	25.5	27.5	32.0	18.0	26.5	32.0	25.0	28.5	31.0	24.5	27.5
YEAR	36.5	10.5	21.5									

02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35", long 81°28'50", Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi^2.

PERIOD OF RECORD.--March 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those below 40 ft^3/s, which are poor.

AVERAGE DISCHARGE.--12 years, 82.6 ft^3/s, 18.92 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 735 ft^3/s, Mar. 13, 1980, gage height, 3.99 ft; minimum daily, 13 ft^3/s, July 19, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 434 ft^3/s, Nov. 22, gage height, 3.61 ft; minimum daily, 13 ft^3/s, July 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	72	135	65	73	92	55	32	22	24	28	143
2	34	42	124	64	72	88	54	31	22	22	28	143
3	39	37	122	65	69	89	53	30	23	22	27	146
4	32	48	121	65	68	89	50	29	24	21	27	147
5	35	42	118	68	69	87	48	28	25	21	27	152
6	34	37	125	66	88	84	47	26	24	22	27	171
7	29	35	120	64	112	82	46	24	23	24	28	157
8	27	35	109	64	85	81	47	25	22	25	29	148
9	27	35	101	62	79	77	52	28	21	27	30	145
10	26	35	95	68	102	75	47	28	23	26	32	142
11	29	35	91	95	248	74	44	29	24	23	33	137
12	30	48	96	77	166	73	41	28	25	22	36	134
13	29	99	286	72	138	81	40	54	24	20	40	141
14	27	69	164	74	122	163	38	41	22	18	84	153
15	26	60	116	79	112	126	37	39	22	17	110	157
16	30	58	96	78	107	95	36	35	22	16	91	150
17	27	57	91	76	105	88	36	33	26	17	85	140
18	26	55	91	71	104	88	35	31	25	16	76	132
19	25	54	91	71	102	83	34	30	24	13	79	122
20	24	54	89	70	100	127	33	31	24	15	86	109
21	25	68	87	68	98	98	35	30	24	14	121	97
22	27	305	85	70	98	79	38	28	24	19	112	88
23	29	218	81	74	99	72	38	27	23	18	89	81
24	26	129	73	77	97	68	34	26	22	16	81	74
25	23	115	77	80	94	65	32	25	25	16	83	69
26	21	107	73	86	90	63	30	24	26	18	78	64
27	22	102	68	90	109	62	29	24	25	23	79	61
28	23	98	68	85	102	60	30	24	25	26	92	57
29	23	94	70	79	---	58	34	23	25	27	107	54
30	22	129	67	80	---	57	34	24	25	28	127	59
31	36	---	64	77	---	55	---	23	---	28	144	---
TOTAL	860	2372	3199	2280	2908	2579	1207	910	711	644	2116	3573
MEAN	27.7	79.1	103	73.5	104	83.2	40.2	29.4	23.7	20.8	68.3	119
MAX	39	305	286	95	248	163	55	54	26	28	144	171
MIN	21	35	64	62	68	55	29	23	21	13	27	54

CAL YR 1985 TOTAL 19384 MEAN 53.1 MAX 303 MIN 17
WTR YR 1986 TOTAL 23359 MEAN 64.0 MAX 305 MIN 13

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE, NEAR MILLHAVEN, GA

LOCATION.--Lat 32°56'20", long 81°30'10", Screven County (GA) - Allendale County (SC), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream of bridge on U.S. Highway 301, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 129.2.

DRAINAGE AREA.--8,650 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

GAGE.--Water-stage recorder. Datum of gage is 52.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Clark Hill Lake (see 02194500).

AVERAGE DISCHARGE.--35 years, 10,430 ft^3/s, 16.38 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 141,000 ft^3/s, Aug. 18, 1940; gage height, 27.0 ft; minimum daily, 2,120 ft^3/s, Sept. 9, 1951.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by Corps of Engineers, discharge, 220,000 ft^3/s, from rating curve extended above 141,000 ft^3/s.

EXTREMES FOR CURRENT YEAR: Maximum discharge, 15,200 ft^3/s, Nov. 25, gage height, 12.71 ft; minimum daily, 4,390 ft^3/s, July 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4890	6010	8450	6400	8530	7240	6280	5250	6640	5250	5990	6690
2	5000	6610	10500	7190	8230	7150	6080	5220	6480	4960	5740	6130
3	6980	7130	12100	7920	7760	7010	6100	5240	5290	5630	5430	5500
4	11600	7650	11700	8280	7130	7000	6300	5370	5050	5780	5130	5430
5	12200	7390	10600	8030	6980	7190	6480	5310	5140	5460	4950	6160
6	12800	6940	9110	7630	7390	6920	6440	5220	5250	5300	4990	6920
7	11900	6600	8350	7210	8740	6580	6340	5290	5280	5240	5110	6680
8	8800	6410	7580	7930	9040	6480	6050	5350	5240	5090	5450	6070
9	6590	6170	6940	8250	8370	6510	6070	5230	5180	5020	6090	5520
10	5710	5970	6550	8660	7530	6440	6000	5260	5380	6370	6220	4910
11	5500	5860	6550	8670	8610	6360	6030	5330	5740	7390	5730	5080
12	5440	5880	6840	8010	9900	6350	6050	5230	6260	6360	5280	5880
13	5510	6060	8960	7410	11000	6460	6280	5300	6550	5340	5050	6540
14	5420	6220	10300	6920	11000	7120	6250	5630	6640	4660	5660	5870
15	5300	6270	9370	7260	9530	8160	5870	5850	6260	4420	7880	4920
16	5400	6190	8320	8720	8690	9150	5730	6120	5840	4390	8440	4460
17	5360	6110	7790	9330	8230	9860	5780	5900	5480	4710	7220	4630
18	5230	6070	7650	9550	7740	9120	5760	5680	5210	5750	6260	4940
19	4980	6570	7300	9040	7990	7970	5660	5310	5250	7090	5540	5280
20	4840	6630	6830	8170	8300	8080	5650	5200	6100	7310	5250	5800
21	4910	6660	6720	8420	8150	9620	5640	5200	6910	6560	5920	5940
22	5010	8010	6810	9180	7620	12800	5640	5170	6780	5850	8030	5410
23	5120	10700	6790	9350	7250	13800	5780	5350	6390	5520	8970	5000
24	5110	13800	6650	9250	7160	11400	5820	5640	6230	5960	7770	4920
25	5730	15100	6580	9040	7020	8680	5800	5290	5770	5640	6390	4890
26	6020	13800	6490	8570	6950	7530	5590	5080	6810	5400	5590	5430
27	5780	9810	6410	7810	7010	7050	5490	4950	7380	6050	4980	5830
28	5450	8160	6280	7550	7130	6830	5530	5110	6510	5970	4870	5840
29	5370	7740	6150	7330	---	6690	5540	5570	5980	5660	6320	5170
30	5290	7900	6040	7610	---	6530	5410	7010	5560	5410	7570	4890
31	5560	---	6020	8220	---	6450	---	7260	---	5620	6930	---
TOTAL	198800	230420	242730	252910	228980	244530	177440	169920	178580	175160	190750	166780
MEAN	6413	7681	7830	8158	8178	7888	5915	5481	5953	5650	6153	5559
MAX	12800	15100	12100	9550	11000	13800	6480	7260	7380	7390	8970	6920
MIN	4840	5860	6020	6400	6950	6350	5410	4950	5050	4390	4870	4460

CAL YR 1985 TOTAL 2615900 MEAN 7167 MAX 19500 MIN 4830
WTR YR 1986 TOTAL 2457000 MEAN 6732 MAX 15100 MIN 4390

02198500 SAVANNAH RIVER NEAR CLYO, GA
(National stream-quality accounting network station and radiochemical program station)

LOCATION.--Lat 32°31'30", long 81°15'45", Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyo, and at mile 60.9.

DRAINAGE AREA.--9,850 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Water-stage recorder. Datum of gage is 13.39 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Clark Hill Lake (sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--53 years, 11,910 ft³/s, 16.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 270,000 ft³/s, Oct. 6, 1929, gage height, 29.7 ft, present datum (from information by Corps of Engineers), from rating curve extended above 120,000 ft³/s; minimum daily, 1,950 ft³/s, Sept. 27, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,800 ft³/s, Nov. 28, gage height, 11.50 ft; minimum daily, 4,950 ft³/s, July 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5220	5880	10900	6810	8550	7710	7540	5930	7130	5820	5690	7550
2	5230	6150	10700	6980	8900	7780	7290	5860	6840	5580	5930	7360
3	5300	6550	11400	7550	8750	7720	7040	5820	6550	5430	5870	6980
4	6370	7120	12400	8230	8280	7550	6950	5790	5860	5740	5680	6400
5	9430	7630	13000	8730	7720	7440	7060	5780	5610	5860	5520	6280
6	10800	7740	13200	8680	7620	7510	7210	5790	5630	5710	5330	6600
7	11400	7490	12500	8350	8260	7320	7220	5760	5670	5600	5330	7140
8	11700	7160	11100	7950	9470	7010	7150	5750	5670	5550	5380	7160
9	10600	6870	9760	8240	10300	6830	6960	5800	5660	5460	5550	6680
10	8020	6610	8770	8710	10200	6800	6890	5780	5650	5390	5930	6160
11	6530	6380	8110	9230	10800	6730	6840	5740	5750	5950	6130	5710
12	6070	6260	7850	9480	12300	6640	6840	5740	5970	6870	5910	5610
13	5950	6240	8210	9140	13500	6630	6860	5760	6300	6570	5660	5990
14	5970	6280	10100	8600	14300	7070	6970	5760	6570	5810	5680	6500
15	5950	6370	12100	8110	14700	8080	6970	5930	6670	5270	5720	6270
16	5850	6420	13300	8130	14400	9250	6690	6130	6420	5000	6990	5650
17	5820	6370	13600	9130	13100	10300	6470	6320	6120	4950	7960	5220
18	5750	6310	12700	9870	11400	11000	6440	6260	5830	5090	7480	5170
19	5640	6280	11200	10300	10100	11000	6430	6090	5650	5590	6810	5320
20	5480	6620	9870	10100	9590	9810	6330	5890	5660	6530	6090	5530
21	5330	7180	8900	9280	9660	9240	6270	5770	6170	6990	5810	5830
22	5320	8120	8360	9050	9490	10100	6220	5730	6770	6660	6050	6010
23	5370	10200	8180	9610	8950	11700	6190	5700	6760	6100	7410	5770
24	5390	12300	8060	9970	8390	12800	6250	5780	6480	5760	8570	5480
25	5430	13700	7850	10000	8050	13400	6300	5900	6280	5890	8240	5340
26	5700	14700	7620	9880	7810	12700	6290	5740	6050	5870	7090	5300
27	5980	15500	7440	9440	7670	10400	6170	5590	6740	5670	6220	5520
28	5940	15700	7300	8650	7640	8870	6040	5490	7170	5890	5750	5840
29	5740	14400	7190	8200	---	8430	6020	5570	6680	6010	5520	5890
30	5640	12100	7020	8010	---	8160	6020	5890	6160	5820	6230	5590
31	5680	---	6890	8090	---	7810	---	6840	---	5670	7570	---
TOTAL	204600	256630	305580	272500	279900	273790	199920	181680	186470	180100	195100	181850
MEAN	6600	8554	9857	8790	9996	8832	6664	5861	6216	5810	6294	6062
MAX	11700	15700	13600	10300	14700	13400	7540	6840	7170	6990	8570	7550
MIN	5220	5880	6890	6810	7620	6630	6020	5490	5610	4950	5330	5170

CAL YR 1985 TOTAL 2819460 MEAN 7725 MAX 19400 MIN 5220
WTR YR 1986 TOTAL 2718120 MEAN 7447 MAX 15700 MIN 4950

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1965 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
NOV												
06...	0700	--	91	7.10	16.0	11	30	765	6.2	63	1.2	--
12...	0725	--	90	7.30	16.5	14	35	773	6.4	65	.7	--
15...	1030	6390	86	7.20	19.5	4.5	--	777	7.8	83	--	--
DEC												
04...	0930	--	70	7.00	14.5	20	60	772	6.4	62	1.3	--
JAN												
08...	0830	--	87	7.10	5.5	8.0	30	781	9.2	71	1.0	--
FEB												
05...	0830	--	107	7.10	10.5	9.0	35	768	6.5	58	2.7	--
06...	1000	7560	82	7.10	13.0	8.0	--	769	8.8	83	--	400
MAR												
05...	0800	--	97	7.10	10.5	8.0	90	768	10.1	90	1.0	--
APR												
08...	0940	--	94	7.10	21.0	11	30	763	4.8	54	1.7	--
MAY												
07...	0750	--	133	7.30	20.0	12	20	769	5.3	58	1.4	--
21...	0945	5770	93	6.80	23.0	5.5	--	770	7.2	83	--	100
JUN												
10...	0810	--	100	7.10	26.0	10	25	768	5.2	64	2.7	--
JUL												
08...	0740	--	95	7.20	29.0	10	25	772	4.4	57	--	--
AUG												
06...	1400	5320	99	7.30	27.0	--	--	775	6.9	85	--	K65
12...	0800	--	93	7.20	26.0	8.0	25	769	4.4	54	3.2	--
SEP												
09...	0730	--	95	7.00	23.0	8.0	45	772	5.8	67	1.5	--

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV												
06...	--	--	--	--	--	--	--	--	--	19	--	--
12...	--	--	--	--	--	--	--	--	--	22	--	--
15...	--	19	0	5.2	1.4	11	53	1	1.8	23	7.1	7.9
DEC												
04...	--	--	--	--	--	--	--	--	--	18	--	--
JAN												
08...	--	--	--	--	--	--	--	--	--	21	--	--
FEB												
05...	--	--	--	--	--	--	--	--	--	22	--	--
06...	460	20	1	5.4	1.5	9.9	50	1	1.7	21	9.4	6.6
MAR												
05...	--	--	--	--	--	--	--	--	--	23	--	--
APR												
08...	--	--	--	--	--	--	--	--	--	21	--	--
MAY												
07...	--	--	--	--	--	--	--	--	--	42	--	--
21...	170	19	1	5.2	1.5	12	55	1	1.4	23	9.4	8.8
JUN												
10...	--	--	--	--	--	--	--	--	--	21	--	--
JUL												
08...	--	--	--	--	--	--	--	--	--	20	--	--
AUG												
06...	K45	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	22	--	--
SEP												
09...	--	--	--	--	--	--	--	--	--	21	--	--

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
NOV												
06...	--	--	--	--	--	--	15	--	--	--	--	.110
12...	--	--	--	--	--	--	8	--	--	--	--	.100
15...	<.10	9.9	61	58	.08	1050	--	.28	.020	.03	.30	.080
DEC												
04...	--	--	--	--	--	--	21	--	--	--	--	.080
JAN												
08...	--	--	--	--	--	--	11	--	--	--	--	.100
FEB												
05...	--	--	--	--	--	--	5	--	--	--	--	.090
06...	<.10	9.1	48	57	.07	980	--	.37	.110	.14	.50	.080
MAR												
05...	--	--	--	--	--	--	8	--	--	--	--	.090
APR												
08...	--	--	--	--	--	--	9	--	--	--	--	.090
MAY												
07...	--	--	--	--	--	--	16	--	--	--	--	.150
21...	.10	9.3	67	59	.09	1040	--	.45	.020	.03	.30	.100
JUN												
10...	--	--	--	--	--	--	13	--	--	--	--	.080
JUL												
08...	--	--	--	--	--	--	9	--	--	--	.30	.170
AUG												
06...	--	--	--	--	--	--	--	.32	<.010	--	.40	.160
12...	--	--	--	--	--	--	5	--	--	--	.60	.160
SEP												
09...	--	--	--	--	--	--	11	--	--	--	--	.180

DATE	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)
NOV												
15...	.25	.080	.060	.18	30	<1	8	.7	<1	<1	<3	2
FEB												
06...	.25	.050	.040	.12	50	<1	13	<.5	<1	<1	<3	4
MAY												
21...	--	.080	.060	.18	40	<1	6	<.5	<1	<1	<3	3
AUG												
06...	--	.130	.120	.37	--	--	--	--	--	--	--	--

DATE	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
NOV												
15...	190	1	8	4	.2	<10	<1	<1	<1	30	<6	7
FEB												
06...	210	<1	<4	14	.2	<10	<1	<1	<1	35	<6	15
MAY												
21...	170	3	<4	5	.2	<10	<1	<1	<1	33	<6	6

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)	CARBON, ORGANIC TOTAL (MG/L AS C)
NOV												
06...	--	--	--	--	--	--	--	--	--	--	--	5.3
12...	--	--	--	--	--	--	--	--	--	--	--	6.6
15...	18	311	87	<.4	.5	1.5	1.0	1.4	1.0	.02	<.02	--
DEC												
04...	--	--	--	--	--	--	--	--	--	--	--	8.1
JAN												
08...	--	--	--	--	--	--	--	--	--	--	--	5.8
FEB												
05...	--	--	--	--	--	--	--	--	--	--	--	4.4
06...	13	265	72	<.5	<.8	2.1	<.6	1.9	<.6	.04	<.03	--
MAR												
05...	--	--	--	--	--	--	--	--	--	--	--	5.7
APR												
08...	--	--	--	--	--	--	--	--	--	--	--	6.4
MAY												
07...	--	--	--	--	--	--	--	--	--	--	--	5.5
21...	9	140	95	--	--	--	--	--	--	--	--	--
JUN												
10...	--	--	--	--	--	--	--	--	--	--	--	4.1
JUL												
08...	--	--	--	--	--	--	--	--	--	--	--	6.0
AUG												
06...	12	172	74	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	4.5
SEP												
09...	--	--	--	--	--	--	--	--	--	--	--	5.2

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40'', long 80°09'00'', Darlington County, Hydrologic Unit 03040201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 mi². Records available November 1960 to current year.

Lake used for cooling water at the Robinson Steam-Electric Generating Plant of Carolina Power and Light Co. Put in operation 1960. Records furnished by Carolina Power and Light Co.

SANTEE RIVER BASIN

02145900 LAKE WYLIE.--Lat 35°01'15'', long 81°00'30'', York County, Hydrologic Unit 03050101, at powerplant on Catawba River, 2.0 mi upstream from Big Dutchman Creek, 3.5 mi upstream from U.S. Highway 21, 3.5 mi northwest of Fort Mill, and at mile 138.5. Drainage area, 3,020 mi², approximately. Records available October 1960 to current year. Records of stage August 1925 to September 1960 collected by Duke Power Company. Gage, float gage, and indicator in powerhouse. Datum of gage is 469.4 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Lake, used for hydroelectric power development, was first put in operation August 1925. Usable capacity, 2,520,500,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft³. Records furnished by Duke Power Co.

02147300 FISHING CREEK RESERVOIR.--Lat 34°36'00'', long 80°53'34'', Chester County, Hydrologic Unit 03050103, at Fishing Creek dam, 0.25 mi upstream from State Highway 97, 0.5 mi upstream from Fishing Creek, 2.5 mi north of Great Falls, and at mile 100.5. Drainage area 3,810 mi², approximately. Records available October 1960 to current year. Records of stage November 1916 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 317.2 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft³. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15'', long 80°44'10'', Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi upstream from Graunys Quarter Creek, 8.75 mi northwest of Camden, and at mile 73.5. Drainage area 4,750 mi², approximately. Records available October 1960 to current year. Records of stage October 1919 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 125.5 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was put in operation in 1917. Usable capacity 2,794,000,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft³. Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)
Sept. 30, 1985	220.3	1280		97.0	8,832		96.7	1,175		96.9	5,847	
Oct. 31, 1985	220.6	1310	11.2	97.1	8,881	-18.3	94.5	904	-100.8	97.1	5,957	41.1
Nov. 30, 1985	221.1	1359	18.9	99.2	9,960	416.3	99.4	1,543	246.5	99.0	7,036	416.3
Dec. 31, 1986	220.7	1320	-14.6	97.3	8,981	-365.5	97.1	1,227	-118.0	97.3	6,068	-361.4
Cal. Yr. 1985			0			4.7			14.3			1.8
Jan. 31, 1986	220.7	1320	0	97.0	8,832	-55.6	95.0	963	-98.6	97.7	6,292	83.6
Feb. 28, 1986	220.7	1320	0	97.0	8,832	0	96.5	1,149	76.9	97.3	6,068	-92.6
Mar. 31, 1986	220.7	1320	0	97.1	8,881	18.3	97.7	1,307	59.0	96.9	5,847	-82.5
Apr. 30, 1986	220.4	1290	-11.6	97.0	8,832	-18.9	96.9	1,201	-40.9	97.0	5,902	21.2
May. 31, 1986	220.4	1290	0	97.0	8,832	0	97.0	1,214	4.9	97.0	5,902	0
June 30, 1986	219.9	1242	-18.5	96.2	8,437	-152.4	98.0	1,347	51.3	96.9	5,847	-21.2
July 31, 1986	220.0	1251	3.4	95.5	8,103	-124.7	96.8	1,188	-59.4	94.8	4,728	-417.8
Aug. 31, 1986	220.6	1310	22.0	97.1	8,881	290.5	96.9	1,201	4.9	97.3	6,068	500.3
Sept. 30, 1986	220.6	1310	0	96.3	8,488	-151.6	96.6	1,162	-15.0	97.0	5,902	-64.0
WTR YR 1986			9.5			-10.9			-0.4			1.7

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Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1986 in South Atlantic Slope basins.

					Annual maximum		
Station Number	Station name	Location	Drainage area (mi²)	Period of record	Probable date	Gage height (feet)	Discharge (ft³/s)
		Pee Dee River basin					
02130400	Little Bear Creek near Chesterfield, SC	Lat 34°40'09", long 80°09'11", Chesterfield County, on upstream side of culvert on State Highway 145, 5.5 mi southwest of Chesterfield.	4.10	1975-86	11-30-85	5.67	(+)
02130550	Herndon Branch near Bennettsville, SC	Lat 34°38'27", long 79°44'46", Marlboro County, on upstream side of culvert on State Highway 9, 4.5 mi northwest of Bennettsville.	3.34	1975-86	11-30-85	<2.92	(+)
02130800	Back Swamp near Darlington, SC	Lat 34°18'11", long 79°46'07", Darlington County, on upstream side of culvert on State Highway 35, 5.7 mi east of Darlington.	6.22	1975-86	3-20-86 11-30-85	8.82* 4.92	 (+)
02131110	Jeffries Creek above Florence, SC	Lat 34°10'40", long 79°48'34", Florence County, at bridge on State Highway 29, 2.6 mi southwest of Florence, and 5.0 mi upstream from confluence with Middle Swamp.	46.6	1968-86	11-30-85	4.49	155
02131460	Neds Creek near Kershaw, SC	Lat 34°32'39", long 80°37'39", Kershaw County, on upstream side of concrete pipe culvert on State Highway 413, 1.0 mi upstream from Little Lynches River, and 3.2 mi east of Kershaw.	3.98	1975-86	11-30-85	3.97	(+)
02131500	Lynches River near Bishopville, SC	Lat 34°15'00", long 80°12'50", Lee County, near center of span on downstream side of bridge on U.S. Highway 15, 1.0 mi upstream from Seaboard Coast Line Railroad bridge, 2.9 mi northeast of Bishopville, 3.0 mi downstream from Bells Branch, and at mile 89.5.	675	1942-71† 1972-86	11-30-85	14.04	5080
02131990	Carter Creek at Effingham, SC	Lat 34°03'51", long 79°46'03", Florence County, on upstream side of culvert on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River.	8.28	1974-86	11-30-85	<3.31	(+)
02132100	Two Mile Branch near Lake City, SC	Lat 33°53'38", long 79°45'38", Florence County, at culvert on U.S. Highway 378 By-Pass, and 1.4 mi north of Lake City.	19.0	1974-86	11-30-85	4.47	102
02132500	Little Pee Dee River near Dillon, SC	Lat 34°24'17", long 79°20'25", Dillon County, on downstream side of bridge on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upstream from Maple Swamp, and at mile 88.3.	524	1939-71† 1972-86	11-30-85	9.69	2320
02135620	Belt Branch near Manning, SC	Lat 33°41'54", long 80°13'51", Clarendon County, on downstream side of culvert on State Highway 261, 1.1 mi upstream from Pacotaligo Swamp.	0.83	1974-86	8-20-86 11-30-85	14.53** 12.97	 (+)
02136010	Chaney Swamp near Greeleyville, SC	Lat 33°35'12", long 79°56'48", Williamsburg County, at culvert on U.S. Highway 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville.	17.0	1974-86	3-20-86	6.45*	(+)
		Santee River Basin					
02147600	Scabber Branch near Great Falls, SC	Lat 34°30'17", long 81°00'22", Fairfield County, on upstream side of box culvert on State Highway 200, 1.1 mi upstream of Big Wateree Creek, and 7.0 mi southwest of Great Falls.	4.55	1975-86	8-18-86	9.95	(+)
02153750	Buck Horn Creek near York, SC	Lat 35°02'09", long 81°18'44", York County, on upstream side of culvert on State Highway 5, 4.5 mi upstream from Bullocks Creek, and 4.0 mi northwest of York.	5.23	1975-86	11-21-85	4.45	(+)

See footnotes at end of table.

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Annual maximum discharge at crest-stage partial-record stations during water year 1986 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi^2)	Period of record	Probable date	Gage height (feet)	Discharge (ft^3/s)
		Santee River basin--Continued					
02156300	Lawsons Fork Creek at Spartanburg, SC	Lat 34°56'53", long 81°52'08", Spartanburg County, on downstream side of bridge on secondary road, 0.8 mi east of Spartanburg.	74.7	1966-70 1970-86	11-01-85	14.73	3810
02157500	Middle Tyger River at Lyman, SC	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman.	68.3	1937-68 1970-86	11-01-85	<7.85	(+)
02159600	Dutchman Creek near Pauline, SC	Lat 34°47'55", long 81°52'46", Spartanburg County, on downstream side of bridge on County Road 90, 75 feet downstream from Smith Creek and 2.2 mi southwest of Pauline.	8.97	1966-86	11-01-85	7.75	1360
02160000	Fairforest Creek near Union, SC	Lat 34°40'45", long 81°41'25", Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union, and at mile 7.5.	183	1940-71 1972-86	11-01-85	6.31	5520
02160130	Enoree River near Travelers Rest, SC	Lat 34°59'21", long 82°25'15", Greenville County, on upstream side of culvert on U.S. Highway 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest.	5.37	1974-86	11-21-85	4.81	181
02160500	Enoree River near Enoree, SC	Lat 34°36'38", long 81°54'35", Spartanburg County, on left bank 60 ft upstream from bridge on State Highway 49, 0.6 mi upstream from Warrior Creek, 3.0 mi southeast of Enoree, and at mile 47.7.	307	1929-76 1977-86	11-22-85	4.06	3150
02160800	Second Creek near Pomaria, SC	Lat 34°20'06", long 81°30'11", Newberry County, on upstream side of culvert on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria.	1.87	1975-86	11-30-85	<3.37	(+)
02162500	Saluda River near Greenville, SC	Lat 34°50'32", long 82°28'51", Pickens County, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream from Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of City Hall in Greenville, and at mile 132.0.	295	1941-86	11-30-85	5.23	2020
02163000	Saluda River near Pelzer, SC	Lat 34°40'05", long 82°27'55", Anderson County, on right bank 0.4 mi downstream from Hurricane Creek, 1.9 mi north of Pelzer, and at mile 114.2.	405	1929-71 1972-86	11-30-85	3.85	2640
02165350	Dirty Creek Tributary near Laurens, SC	Lat 34°29'44", long 82°05'15", Laurens County, on upstream side of culvert on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens.	1.21	1975-86	11-30-85	4.94	92
02167200	Campbell Creek Tributary near Cross Hill, SC	Lat 34°18'18", long 81°58'53", Laurens County, at culvert on State Highway 560, 1.8 mi upstream from Campbell Creek, and 4.4 mi northeast of Cross Hill.	0.62	1974-86	11-30-85	7.52	191
02167750	Camping Creek Tributary near Prosperity, SC	Lat 34°12'35", long 81°30'08", Newberry County, on upstream side of culvert on County Road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity.	0.52	1974-86	11-30-85	<4.28	(+)
02169540	Savanna Branch near Cayce, SC	Lat 33°55'47", long 81°07'05", Lexington County, on upstream side of culvert on State Highway 215, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce.	7.15	1974-86	8-20-86	4.90	(+)
02169960	Lake Marion Tributary near Vance, SC	Lat 33°27'26", long 80°26'32", Orangeburg County, on upstream side of box culvert on State Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance.	2.12	1975-86	8-20-86	3.75	63
		Edisto River basin					
02172500	South Fork Edisto River near Montmorenci, SC	Lat 33°04'35", long 81°30'50", Aiken County, near center of span on downstream side of bridge on State Highway 215, 0.4 mi upstream from Cedar Creek, 1 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorenci, and at mile 167.3.	198	1939-66 1967-86	11-22-85	7.62	1290

See footnotes at end of table.

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Annual maximum discharge at crest-stage partial-record stations during water year 1986 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi²)	Period of record	Probable date	Gage height (feet)	Discharge (ft³/s)
		Edisto River basin--Continued					
02173250	Ritter Branch near Perry, SC	Lat 33°38'10'', long 81°16'04'', Aiken County, at culvert on State Highway 14, 0.3 mi upstream from Hollow Creek, 2.6 mi southeast of Perry.	2.22	1975-86	11-01-85	<2.21	(+)
		Combahee River basin					
02175300	Turkey Creek near Barnwell, SC	Lat 33°17'05'', long 81°21'46'', Barnwell County, at bridge on State Highway 168, 0.5 mi downstream from Long Branch, and 3.0 mi north of Barnwell.	22.8	1975-86	(b)	(a)	(+)
02175450	Savannah Creek near Ehrhardt, SC	Lat 33°02'03'', long 81°03'11'', Colleton County, on upstream side of culvert on State Highway 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley.	12.4	1975-86	12-14-85	7.12	(+)
02176100	Remick Swamp near Hendersonville, SC	Lat 32°48'45'', long 80°42'20'', Colleton County, at culvert on U.S. Highway 17-A, 1.5 mi upstream from Bluehouse Swamp, and 2.0 mi northeast of Hendersonville.	7.67	1975-86	2-12-86	3.53	(+)
		Savannah River basin					
02184100	Cleveland Creek near Fairplay, SC	Lat 34°31'32'', long 82°59'29'', Oconee County, on upstream side of culvert on State Highway 59, 1.0 mi northwest of Fairplay, and 2.4 mi upstream from Beaver Dam Creek.	5.61	1974-86	11-01-85	<5.04	(+)
02185400	Cane Creek near Walhalla, SC	Lat 34°46'48'', long 83°06'22'', Oconee County, on upstream side of culvert on State Highway 28, 2.5 mi northwest of Walhalla.	1.08	1975-86	11-01-85	<4.72	(+)
02187900	Broadway Creek near Anderson, SC	Lat 34°30'09'', long 82°35'00'', Anderson County, at bridge on State Highway 48, 0.1 mi downstream from Cupboard Creek and 3.8 mi east of Anderson.	26.4	1975-86	11-01-85	5.98	587
02192450	Camp Creek near Honea Path, SC	Lat 34°23'18'', long 82°29'00'', Anderson County, on upstream side of culvert on State Highway 185, 2.0 mi upstream from Little River, and 6.7 mi southwest of Honea Path.	1.59	1975-86	11-01-85	<4.75	(+)
02192500	Little River near Mount Carmel, SC	Lat 34°04'13'', long 82°30'02'', McCormick County, on right bank, 480 ft downstream from Island Ford bridge, and 4.5 mi north of Mount Carmel.	217	1939-70† 1971-86	11-22-85	(a)	(+)
02195660	Log Creek near Edgefield, SC	Lat 33°48'03'', long 81°52'39'', Edgefield County, on upstream side of culvert on State Highway 23, 3.3 mi east of Edgefield.	1.18	1975-86	10-02-85	6.17	(+)
02197410	Miller Creek Tributary near Baldoc, SC	Lat 33°04'08'', long 81°24'26'', Allendale County, on upstream side of culvert on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc.	7.51	1975-86	12-13-85	5.40	540

+ Discharge not determined.
† Operated as a continuous-record gaging station.
a Stage not determined.
b Date unknown.
* Probably caused by backwater from beaver dam.
** Probably caused by backwater from debris.

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STATION NO.	STATION NAME	LOCATION	DRAINAGE AREA (MI^2) (approx)	PERIOD OF RECORD (WT YR)	DATE	GAGE HEIGHT (FT)	DISCHARGE (FT^3/S)
		SANTEE RIVER BASIN					
02148312	Wateree River at Union Camp nr Eastover, SC	Lat 33°53'34'', long 80°37'35'', Richland County, 3.0 miles upstream from South Carolina Electric and Gas plant, and 4.0 mi east of Eastover, SC	5,590	1984-86	12-16-83	99.37	11,700
					01-20-84	99.07	11,300
					03-23-84	98.26	9,940
					05-23-84	95.71	7,210
					07-13-84	92.53	5,040
					09-20-84	36.63	1,640
					10-30-84	89.23	3,830
					11-07-84	84.34	824
					02-20-85	95.17	7,190
					06-12-85	94.94	7,220
					08-01-85	97.61	9,370
					09-04-85	96.95	9,416
					01-30-86	89.74	3,270
					03-04-86	89.22	3,080
					04-11-86	86.88	1,800
					05-27-86	85.68	1,510
					07-14-86	85.60	1,430
					09-26-86	88.39	2,950
02169605	Congaree River at Carolina Eastman, nr Gaston, SC	Lat 33°51'40'', long 81°00'10'', Calhoun County, 5.0 mi upstream of Sandy Run Creek, and 5.5 mi north of Sandy Run, SC	8,290	1986-86	03-03-86	4.16	3,840
					04-15-86	4.21	3,920
					05-15-86	3.76	3,420
					07-01-86	1.88	1,730
					11-03-86	3.26	2,870
					12-15-86	10.28	13,100
02171001	Santee River at Lake Marion Tail Race, SC	Lat 33°27'00'', long 80°09'50'' Berkeley County, 300 feet below Wilson Dam, 2.8 mi upstream from Old Santee Canal, 5.4 mi upstream from Dead River, 8.0 mi west of Pineville, SC	14,700	1966-86	02-19-86	27.04	323
					05-28-86	26.92	546
					09-30-86	26.96	596
02171520	Little River nr Pineville, SC	Lat 33°28'54'', long 80°10'00'', Clarendon County, 4.5 miles upstream from Dead River, 8.1 mi west of Pineville, SC	undetermined	1946-86	02-19-86		20
					05-28-86		18
					09-30-86		18
		EDISTO RIVER BASIN					
02174048	Edisto River at South Carolina Electric and Gas plant, nr Canadys, SC	Lat 33°03'58'', long 80°37'23'', Colleton County, 1.0 miles north of Canadys, and 12.0 mi north of Walterboro, SC	1,810	1982-86	10-02-85	52.78	687
					11-11-85	56.88	2,190
					02-03-86	53.85	2,120
					03-07-86	55.46	1,820
					04-09-86	55.14	1,650
					05-29-86	52.78	912
					07-17-86	51.68	667
					09-05-86	53.30	927

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GROUND WATER RECORDS

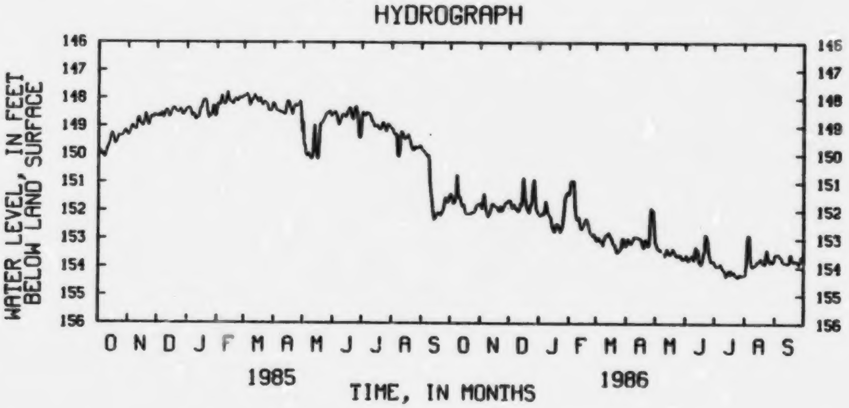
AIKEN COUNTY

331940081443501. Local number, AK-430.
LOCATION.--Lat 33°19'40", long 81°44'35", Hydrologic Unit 03060106, Federal land, at Savannah River Plant near Aiken. Owner: U.S. Department of Energy.
AQUIFER.--Sands of the Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 318 ft, 8 in from 279 to 605 ft, depth 605 ft, cased to 605 ft, screened intervals 390-400, 455-465, 590-600 ft.
INSTRUMENTATION.--Digital Recorder--60 minutes punch.
DATUM.--Land-surface datum is 357 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.
REMARKS.--Formerly listed AK-2 or LA-4 before 1974. Also known as SRP-4M. Electric log available in District file.
PERIOD OF RECORD.--1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 144.82 ft below land-surface datum, Feb. 23, 1966; lowest, 154.34 ft below land-surface datum, July 25, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	151.41	151.73	151.64	152.11	151.41	153.06	153.25	153.09	153.65	153.86	154.26	153.64
2	151.42	151.88	151.62	152.18	151.26	153.06	153.04	153.21	153.57	153.92	154.24	153.54
3	151.55	151.93	151.77	152.14	150.97	152.94	152.98	153.31	153.70	153.96	153.86	153.53
4	151.75	151.63	151.90	152.15	150.93	152.96	153.04	153.37	153.77	153.96	153.06	153.55
5	151.72	151.40	151.89	152.06	150.94	153.08	153.14	153.34	153.72	153.96	152.86	153.53
6	151.63	151.82	151.77	152.13	150.94	153.07	153.17	153.38	153.68	153.94	152.88	153.62
7	151.45	151.97	151.86	152.02	151.70	153.10	153.06	153.50	153.62	153.87	153.70	153.62
8	150.74	152.09	151.92	151.66	152.15	153.24	153.03	153.49	153.58	153.93	153.90	153.67
9	151.36	152.22	151.95	151.83	152.32	153.03	152.92	153.53	153.63	154.01	153.98	153.78
10	151.56	152.13	152.03	152.04	152.29	152.94	152.93	153.63	153.75	154.06	153.94	153.82
11	151.51	152.09	152.02	152.12	152.21	152.87	152.91	153.62	153.41	154.09	153.92	153.81
12	151.70	151.97	151.91	152.18	152.42	152.85	152.93	153.46	153.29	154.16	153.90	153.83
13	151.84	151.77	151.73	152.22	152.62	152.87	152.93	153.35	153.62	154.32	153.89	153.85
14	151.83	151.73	151.82	152.42	152.66	152.77	152.97	153.44	153.36	154.18	153.79	153.87
15	151.77	151.79	151.42	152.62	152.53	152.86	152.98	153.52	153.79	154.16	153.79	153.82
16	151.97	151.83	150.84	152.70	152.53	152.91	152.99	153.55	153.84	154.11	153.78	153.83
17	152.10	151.84	151.40	152.75	152.44	152.97	153.07	153.51	153.90	154.25	153.71	153.54
18	152.12	151.87	151.69	152.69	152.35	153.12	153.25	153.45	153.83	154.09	153.68	153.57
19	152.11	151.92	151.86	152.47	152.28	153.19	153.33	153.34	153.69	154.21	153.81	153.75
20	152.10	152.00	151.95	152.46	152.35	153.17	153.23	153.40	153.50	154.18	153.86	153.81
21	152.10	152.03	152.02	152.51	152.53	153.31	153.01	153.48	153.41	154.15	153.86	153.79
22	152.12	151.84	152.08	152.55	152.68	153.47	153.02	153.55	152.77	154.27	153.90	153.76
23	152.06	152.01	151.80	152.76	152.80	153.49	153.18	153.61	152.92	154.26	153.54	153.78
24	152.06	152.00	151.76	152.66	152.82	153.43	153.29	153.60	153.06	154.30	153.38	153.78
25	152.07	151.91	151.61	152.60	152.85	153.41	153.08	153.56	153.40	154.34	153.60	153.83
26	152.05	151.82	151.05	152.39	152.91	153.33	152.21	153.55	153.58	154.31	153.76	153.90
27	151.94	151.72	150.91	152.01	152.82	153.31	151.91	153.56	153.78	154.24	153.84	153.77
28	151.82	151.72	151.59	151.54	152.96	153.00	152.21	153.67	153.80	154.28	153.73	153.63
29	151.79	151.69	151.88	151.44	---	152.96	151.98	153.72	153.78	154.28	153.78	153.68
30	151.76	151.63	152.01	151.35	---	153.19	152.68	153.67	153.77	154.28	153.82	153.83
31	151.76	---	152.09	151.41	---	153.24	---	153.67	---	154.26	153.77	---
MEAN	151.78	151.87	151.74	152.20	152.20	153.10	152.92	153.49	153.57	154.14	153.74	153.72
MAX	152.12	152.22	152.09	152.76	152.96	153.49	153.33	153.72	153.90	154.34	154.26	153.90
MIN	150.74	151.40	150.84	151.35	150.93	152.77	151.91	153.09	152.77	153.86	152.86	153.53

CAL YR 1985	MEAN	149.69	MAX	152.33	MIN	147.80
WTR YR 1986	MEAN	152.88	MAX	154.34	MIN	150.74



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BARNWELL COUNTY

332358081252000. Local number, BW-78.

LOCATION.--Lat 33°23'58", long 81°25'20", Hydrologic Unit 03050207, 26 ft south of West Street, 41 ft east of Elko Street in Williston.

Owner: Town of Williston.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 12 in from surface to 500 ft, 10 in from 500 to 785 ft, depth 785 ft, screened intervals 568-578, 599-604, 638-658, 702-712, 734-744, 760-770 ft, gravel packed.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

REMARKS.--Test hole Gamma logged Aug. 6, 1970 to 808 ft. Resistivity logged Aug. 6, 1970 to 800 ft. Pump test and water-quality data available in District files.

PERIOD OF RECORD.--July 1981 to current year.

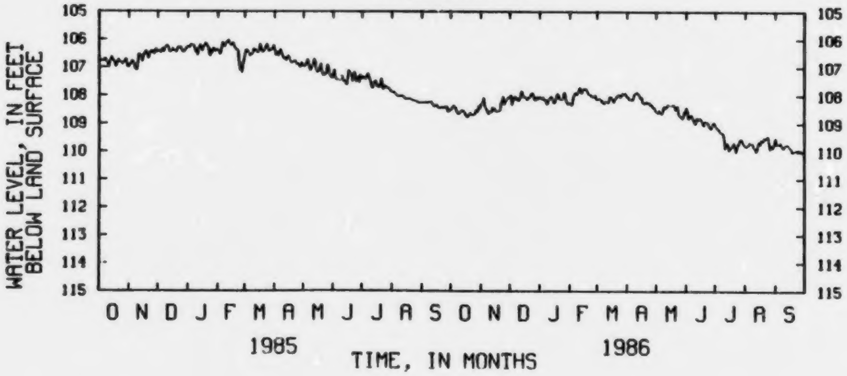
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 106.03 ft below land-surface datum, Feb. 12, 1985; lowest, 110.08 ft below land-surface datum, Sept 30, 1986.

WATER LEVER, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108.50	108.34	108.10	108.05	108.26	108.13	108.05	108.56	108.43	109.08	109.79	109.52
2	108.46	108.29	108.00	108.11	108.32	108.10	108.03	108.58	108.53	109.12	109.81	109.74
3	108.43	108.27	108.33	108.07	108.33	108.10	108.12	108.61	108.81	109.18	109.77	109.70
4	108.38	108.10	108.18	108.06	108.14	108.11	108.13	108.52	108.79	109.18	109.77	109.71
5	108.41	108.36	108.09	108.15	107.99	108.16	108.13	108.58	108.68	109.26	109.67	109.74
6	108.45	108.46	108.04	108.15	107.90	108.22	108.15	108.61	108.69	109.30	109.71	109.68
7	108.56	108.49	108.12	108.15	107.90	108.18	108.13	108.65	108.72	109.31	109.69	109.78
8	108.63	108.60	108.08	108.30	107.96	108.28	107.99	108.53	108.83	109.35	109.69	109.84
9	108.65	108.65	108.14	108.28	107.88	108.24	107.93	108.39	108.93	109.37	109.81	109.88
10	108.61	108.58	108.18	108.14	107.83	108.21	107.91	108.43	109.00	109.59	109.86	109.81
11	108.58	108.59	108.12	108.11	107.72	108.21	107.88	108.45	108.93	109.89	109.88	109.78
12	108.55	108.60	108.03	108.06	107.86	108.25	107.92	108.38	108.79	109.74	110.00	109.76
13	108.53	108.44	107.85	108.04	107.91	108.22	107.94	108.32	108.85	109.69	109.91	109.75
14	108.55	108.51	107.95	108.11	107.79	108.04	108.05	108.35	108.84	109.80	109.74	109.77
15	108.60	108.45	108.05	108.23	107.75	108.06	108.10	108.35	108.80	109.95	109.65	109.84
16	108.66	108.55	108.05	108.26	107.77	108.05	108.04	108.34	108.83	109.90	109.73	109.86
17	108.72	108.55	108.06	108.17	107.74	108.16	108.24	108.35	108.90	109.83	109.61	109.91
18	108.77	108.57	108.09	108.07	107.78	108.23	108.23	108.34	109.00	109.82	109.57	110.01
19	108.74	108.55	108.15	107.93	107.88	108.14	108.28	108.32	109.05	109.75	109.64	110.01
20	108.67	108.53	108.07	108.00	107.94	108.11	108.27	108.38	108.92	109.69	109.53	109.98
21	108.63	108.53	108.07	108.11	107.95	108.02	108.21	108.50	108.93	109.87	109.50	109.97
22	108.68	108.27	108.03	108.10	107.96	108.02	108.25	108.44	108.94	110.01	109.55	109.96
23	108.70	108.21	107.95	108.12	108.02	107.97	108.26	108.37	108.94	109.87	109.50	109.95
24	108.67	108.05	107.91	108.14	108.01	107.98	108.24	108.62	109.07	109.73	109.44	109.95
25	108.68	108.32	107.95	108.06	108.05	108.05	108.33	108.70	109.12	109.74	109.64	109.95
26	108.66	108.22	108.12	107.89	108.01	107.98	108.30	108.72	109.17	109.60	109.92	109.95
27	108.54	108.17	108.16	107.96	107.98	107.91	108.37	108.77	109.13	109.55	109.86	109.95
28	108.53	108.13	108.13	108.21	108.11	107.96	108.42	108.81	109.02	109.58	109.76	110.03
29	108.59	108.09	108.04	108.23	---	107.96	108.41	108.76	108.96	109.67	109.86	110.01
30	108.38	108.06	108.12	108.31	---	107.91	108.52	108.57	108.97	109.73	109.78	110.08
31	108.47	---	108.07	108.26	---	107.98	---	106.63	---	109.77	109.66	---
MEAN	108.58	108.38	108.07	108.12	107.95	108.09	108.16	108.51	108.89	109.61	109.72	109.86
MAX	108.77	108.65	108.33	108.31	108.33	108.28	108.52	108.81	109.17	110.01	110.00	110.08
MIN	108.38	108.05	107.85	107.89	107.72	107.91	107.88	108.32	108.43	109.08	109.44	109.52

CAL YR 1985	MEAN	107.45	MAX	108.77	MIN	106.03
WTR YR 1986	MEAN	108.67	MAX	110.08	MIN	107.72

HYDROGRAPH



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BEAUFORT COUNTY

321005080442705. Local number, BFT-101.

LOCATION.--Lat 32°10'05", Long 80°44'27", Hydrologic Unit 03050208, 300 ft W of U.S. Hwy 278, Approx. 1.5 mi NE of Sea Pines Circle, Hilton Head (Revised).

OWNER.--U.S. Geological Survey.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 470 ft, cased to 129 ft, open hole 129 to 470 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 13.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.8 ft above land-surface datum.

REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the Geological Survey.

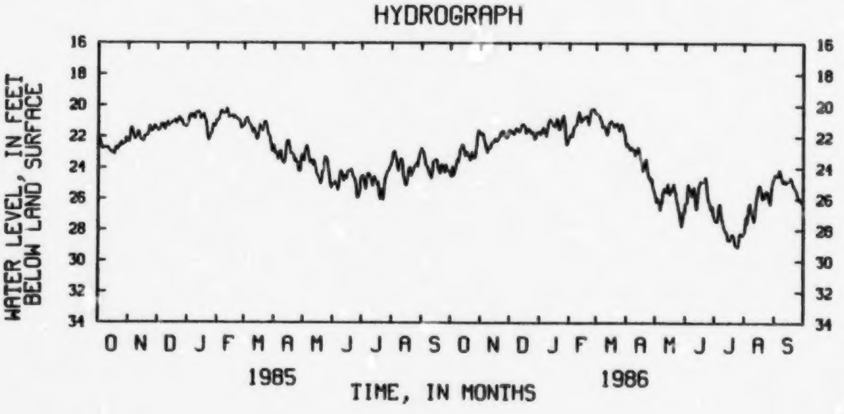
EXTREME OUTSIDE PERIOD OF RECORD.--Highest mean water level 12.29 ft below land-surface datum July 5, 1961.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 29.11 ft below land-surface datum, July 25, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.50	21.74	21.55	21.67	22.05	20.50	22.62	25.86	26.27	27.17	28.16	24.69
2	24.59	21.93	21.63	21.87	21.90	20.53	22.44	26.19	26.30	27.43	27.82	24.43
3	23.92	21.76	21.75	21.60	21.80	20.60	22.54	25.99	26.21	27.40	27.18	24.40
4	24.51	21.87	21.65	21.77	22.00	20.64	22.76	25.98	25.09	27.48	27.59	24.47
5	24.31	22.28	21.81	21.40	21.56	20.84	22.85	26.73	25.25	27.10	26.97	24.60
6	24.09	22.42	21.87	21.57	21.33	20.97	22.66	26.70	25.35	26.39	26.42	24.14
7	23.72	22.77	21.54	21.64	21.27	21.39	22.83	26.38	25.51	26.35	26.30	24.16
8	23.43	23.05	21.45	21.98	21.25	21.37	22.77	26.10	25.86	27.06	26.70	24.46
9	23.64	22.65	21.49	21.61	21.03	21.29	22.86	25.52	25.53	27.34	27.05	24.68
10	23.33	22.75	21.67	21.18	20.68	21.41	23.19	25.33	25.28	27.68	27.09	24.95
11	22.84	22.75	21.70	21.00	20.42	21.71	22.89	25.40	25.68	27.87	27.46	24.90
12	22.77	22.53	21.59	20.87	20.68	21.89	23.00	25.62	26.66	28.07	27.20	24.78
13	22.53	22.37	21.33	21.04	21.05	21.60	22.69	25.26	26.60	28.09	26.34	25.00
14	22.54	22.36	21.20	21.05	20.89	21.14	22.83	25.04	25.80	28.22	25.92	24.91
15	22.81	22.33	21.19	21.26	20.89	21.07	23.18	25.58	25.23	28.65	25.59	24.85
16	23.23	22.17	21.26	21.25	20.76	20.97	23.55	25.72	25.05	28.56	25.19	24.86
17	23.02	22.13	21.37	21.38	20.73	21.12	23.85	25.53	24.86	28.68	25.12	24.84
18	22.97	22.31	21.78	21.19	20.71	21.12	24.20	25.31	24.88	28.48	25.29	24.63
19	23.20	22.21	21.69	20.83	20.64	21.36	23.99	25.47	24.94	28.32	25.74	24.77
20	23.18	22.11	21.47	20.96	20.86	21.34	23.61	25.04	24.87	28.29	26.01	25.00
21	23.50	21.91	21.55	21.53	21.23	21.22	23.44	25.43	24.83	28.40	25.62	25.21
22	23.43	21.72	21.52	21.52	20.68	21.11	23.87	25.61	24.59	28.81	25.93	25.28
23	23.01	21.94	21.77	21.32	20.39	21.16	24.32	26.13	24.96	29.00	25.79	25.38
24	23.09	21.62	21.74	21.00	20.23	21.56	24.63	26.28	25.84	29.01	25.49	25.48
25	23.34	21.66	21.68	20.74	20.26	21.63	24.55	26.73	26.09	29.11	25.57	25.79
26	23.37	21.88	21.92	20.63	20.19	21.27	24.84	26.88	26.25	28.99	25.75	26.09
27	23.10	21.99	22.18	21.12	20.27	21.17	24.70	27.35	26.59	28.34	26.18	26.05
28	22.60	22.09	22.11	21.89	20.49	21.37	25.14	27.78	26.71	28.22	26.36	25.94
29	21.99	22.00	21.72	22.53	---	21.57	25.43	27.45	26.46	28.30	25.62	26.22
30	21.59	21.82	21.73	22.43	---	21.79	25.56	26.81	27.11	28.35	25.11	26.23
31	21.71	---	21.72	22.18	---	22.22	---	26.90	---	28.25	24.79	---
MEAN	23.22	22.17	21.63	21.42	20.94	21.26	23.59	26.05	25.69	28.05	26.24	25.04
MAX	24.59	23.05	22.18	22.53	22.05	22.22	25.56	27.78	27.11	29.11	28.16	26.23
MIN	21.59	21.62	21.19	20.63	20.19	20.50	22.44	25.04	24.59	26.35	24.79	24.14

CAL YR 1985 MEAN 22.93 MAX 26.09 MIN 20.21
WTR YR 1986 MEAN 23.79 MAX 29.11 MIN 20.19



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BEAUFORT COUNTY

322745080435800. Local number, BFT-121.

LOCATION.--Lat 32°27'45", long 80°43'58", Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance and 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Hwy. 21.
Owner: U.S. Marine Corp.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface (Revised).

REMARKS.--Water-quality data available in District files.

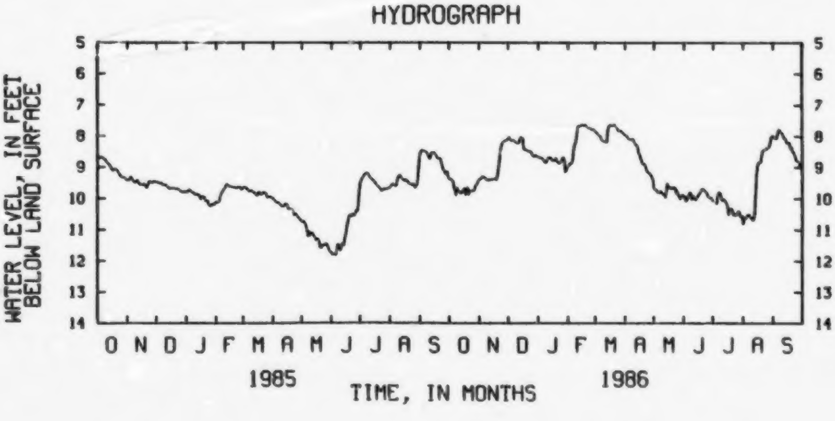
PERIOD OF RECORD.--July 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 5.84 ft below land-surface datum, April 5, 1980; lowest, 11.83 ft below land-surface datum June 6, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.38	9.40	8.07	8.67	8.95	7.83	7.97	9.68	9.95	10.10	10.81	7.98
2	9.38	9.39	8.03	8.70	8.91	7.88	7.97	9.73	9.93	10.13	10.65	8.04
3	9.41	9.36	8.10	8.70	8.89	7.90	8.00	9.71	10.09	10.13	10.62	8.06
4	9.43	9.31	8.14	8.71	8.88	7.94	8.06	9.76	10.05	10.18	10.63	8.08
5	9.46	9.31	8.13	8.72	8.85	7.98	8.09	9.82	9.92	10.13	10.54	8.06
6	9.66	9.33	8.12	8.77	8.69	7.99	8.11	9.80	9.90	9.89	10.52	7.86
7	9.73	9.35	8.16	8.79	8.38	8.05	8.12	9.84	9.81	9.81	10.50	7.78
8	9.90	9.39	8.17	8.86	8.26	8.14	8.11	9.77	9.82	9.82	10.55	7.81
9	9.67	9.42	8.20	8.86	8.19	8.15	8.08	9.80	10.04	9.93	10.61	7.87
10	9.75	9.41	8.23	8.79	8.02	8.17	8.15	9.86	9.92	10.05	10.64	7.89
11	9.77	9.43	8.22	8.71	7.70	8.17	8.22	9.88	9.93	10.07	10.69	7.95
12	9.83	9.42	8.21	8.70	7.67	8.20	8.27	9.88	10.00	10.02	10.65	8.07
13	9.82	9.39	8.12	8.68	7.68	8.20	8.28	9.98	10.04	10.06	10.46	8.05
14	9.83	9.39	8.08	8.71	7.66	7.86	8.36	9.77	9.98	10.11	9.88	8.10
15	9.76	9.39	8.06	8.77	7.63	7.68	8.52	9.53	9.94	10.16	9.21	8.22
16	9.73	9.39	8.07	8.80	7.65	7.68	8.61	9.67	9.89	10.27	8.94	8.23
17	9.68	9.39	8.44	8.80	7.65	7.63	8.70	9.66	9.83	10.52	8.84	8.19
18	9.88	9.35	8.41	8.76	7.63	7.67	8.79	9.64	9.80	10.43	8.85	8.28
19	9.72	9.41	8.44	8.71	7.64	7.66	8.89	9.70	9.72	10.33	8.85	8.40
20	9.66	9.26	8.45	8.76	7.69	7.65	8.89	9.66	9.69	10.32	8.67	8.34
21	9.89	9.07	8.48	8.84	7.72	7.62	8.88	9.65	9.71	10.40	8.49	8.51
22	9.78	8.76	8.50	8.87	7.74	7.68	8.96	9.68	9.75	10.53	8.45	8.52
23	9.76	8.45	8.49	8.87	7.72	7.72	9.05	9.65	9.77	10.48	8.43	8.58
24	9.76	8.30	8.50	8.84	7.74	7.74	9.14	9.85	9.81	10.53	8.43	8.68
25	9.75	8.23	8.54	8.80	7.78	7.83	9.16	9.75	9.87	10.53	8.41	8.79
26	9.77	8.19	8.63	8.71	7.79	7.82	9.18	9.89	9.94	10.48	8.36	8.80
27	9.73	8.16	8.66	8.69	7.77	7.82	9.21	9.91	9.97	10.40	8.37	8.82
28	9.62	8.14	8.65	8.77	7.81	7.85	9.27	10.02	9.98	10.44	8.33	8.84
29	9.57	8.14	8.61	9.16	---	7.88	9.32	9.91	9.97	10.58	8.21	8.97
30	9.54	8.13	8.65	9.10	---	7.90	9.40	9.96	10.03	10.57	8.05	9.01
31	9.45	---	8.67	8.99	---	7.93	---	9.89	---	10.55	7.99	---
MEAN	9.68	9.04	8.33	8.79	8.02	7.88	8.59	9.78	9.90	10.26	9.44	8.29
MAX	9.90	9.43	8.67	9.16	8.95	8.20	9.40	10.02	10.09	10.58	10.81	9.01
MIN	9.38	8.13	8.03	8.67	7.63	7.62	7.97	9.53	9.69	9.81	7.99	7.78

CAL YR 1985	MEAN	9.75	MAX	11.83	MIN	8.03
WTR YR 1986	MEAN	9.01	MAX	10.81	MIN	7.62



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BEAUFORT COUNTY

320846080502203. Local number, BFT-304.

LOCATION.--Lat 32°08'46", Long 80°50'22", Hydrologic Unit 03050208, 300 ft S of Marsh at Haig Point, Near the Northern tip of Daufuskie Island (Revised).

OWNER.--U.S. Geological Survey.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 619 ft, cased to 135 ft, open hole 135 to 619 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM--Land-surface datum is 13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft above land-surface datum.

REMARKS.--Record estimated Feb. 7 and Sept. 10, 1985. Also known as TW3 PT2. Electric log available in District files. Water level affected by tidal fluctuations. Water Quality data available in District files. Multiple sampling points. Original depth is 746 ft. Cement plug from 619 to 649 ft. 57 ft. gravel filled from 649 to 706 ft. Cement plug from 706 to 746 ft.

PERIOD OF RECORD.--October 1983 to current year. Record from December 1958 to Sept. 1983 are unpublished but are available in District files.

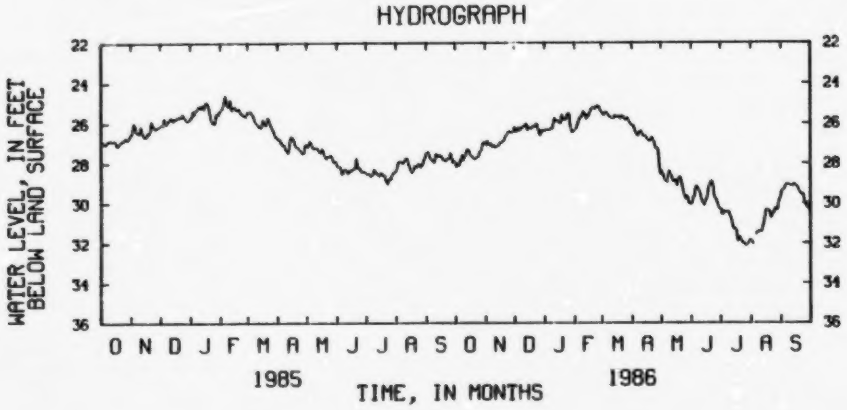
EXTREMES OUTSIDE PERIOD OF RECORD.--Highest mean water level 14.35 ft below land-surface datum, March 10, 1959.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.20 ft below land-surface datum, Feb. 7, 1985; lowest, 32.12 ft below land-surface datum, Jul. 26,1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.03	26.96	26.19	26.39	26.33	25.47	26.13	28.37	30.05	30.28	31.86	29.51
2	28.17	27.10	26.42	26.29	26.28	25.55	26.10	28.61	29.91	30.57	31.94	29.36
3	27.99	26.88	26.41	26.35	26.16	25.60	26.22	28.55	29.68	30.60	32.06	29.35
4	28.08	27.02	26.34	26.30	26.03	25.48	26.42	28.78	29.69	30.41	---	29.30
5	28.04	27.08	26.22	26.31	25.90	25.46	26.52	28.91	29.26	30.47	---	29.17
6	27.85	27.00	26.33	26.35	25.74	25.46	26.58	28.84	29.14	30.46	31.57	29.10
7	27.75	27.01	26.33	26.29	25.74	25.57	26.64	28.98	29.23	30.45	31.47	29.03
8	27.59	27.18	26.21	26.21	25.65	25.62	26.45	28.64	29.30	30.42	31.42	29.07
9	27.85	27.08	26.18	26.28	25.56	25.67	26.44	28.38	29.42	30.45	31.48	29.07
10	27.61	27.12	26.21	25.98	25.41	25.72	26.39	28.57	29.56	30.61	31.41	29.12
11	27.65	27.18	26.10	25.74	25.50	25.74	26.52	28.61	29.83	30.70	31.41	29.12
12	27.48	27.17	26.07	25.84	25.62	25.76	26.64	28.74	29.96	30.85	31.43	29.14
13	27.31	27.14	26.01	25.93	25.80	25.78	26.61	28.94	30.00	31.16	31.18	29.16
14	27.29	27.10	26.36	25.86	25.58	25.62	26.62	28.92	30.13	31.31	31.00	29.03
15	27.38	27.09	26.17	25.92	25.67	25.69	26.67	28.84	29.91	31.26	30.70	29.08
16	27.57	26.95	26.21	25.96	25.53	25.63	26.79	28.84	29.84	31.28	30.39	29.11
17	27.62	26.96	26.25	26.02	25.42	25.69	26.81	29.14	29.70	31.43	30.33	29.18
18	27.61	26.94	26.26	25.84	25.31	25.66	26.90	28.90	29.35	31.92	30.37	29.23
19	27.72	26.87	26.20	25.58	25.24	25.69	26.89	28.75	29.13	31.78	30.38	29.39
20	27.78	26.88	26.14	25.82	25.20	25.80	26.84	28.68	29.06	31.69	30.42	29.46
21	27.76	26.74	26.20	25.80	25.22	25.64	26.71	28.83	28.91	31.78	30.73	29.54
22	27.71	26.63	26.10	25.82	25.31	25.65	26.83	29.03	28.92	31.91	30.72	29.56
23	27.69	26.57	26.04	25.80	25.18	25.66	26.90	29.30	29.15	32.03	30.48	29.52
24	27.68	26.46	26.03	25.58	25.14	25.76	27.06	29.53	29.61	31.97	30.52	29.71
25	27.62	26.42	26.24	25.53	25.19	25.84	27.28	29.68	29.78	32.01	30.35	29.98
26	27.42	26.42	26.42	25.51	25.16	25.81	27.25	29.82	29.80	32.12	30.25	30.08
27	27.38	26.46	26.61	25.97	25.34	25.73	27.25	29.64	29.97	32.10	30.33	30.21
28	27.31	26.43	26.52	26.29	25.41	25.79	27.45	29.69	30.12	32.05	30.35	30.24
29	27.06	26.45	26.33	26.44	---	25.94	28.26	30.02	30.27	32.00	30.02	30.21
30	26.97	26.37	26.39	26.45	---	26.01	28.54	30.00	30.31	31.92	29.83	30.39
31	26.92	---	26.36	26.36	---	26.10	---	30.06	---	31.84	29.75	---
MEAN	27.61	26.86	26.25	26.03	25.56	25.70	26.82	29.05	29.63	31.28	---	29.45
MAX	28.17	27.18	26.61	26.45	26.33	26.10	28.54	30.06	30.31	32.12	---	30.39
MIN	26.92	26.37	26.01	25.51	25.14	25.46	26.10	28.37	28.91	30.28	---	29.03

CAL YR 1985 MEAN 27.06 MAX 29.05 MIN 24.61



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BEAUFORT COUNTY

321558080431302. Local number, BFT-315, USGS TW 8 Point 1.
LOCATION.--Lat 32°15'58", long 80°43'13", Hydrologic Unit 03050208, Hilton Head, SC.
OWNER: U S Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--2 inch steel pipe extends 483 ft into bottom interval of multi-depth drilled observation well, diameter 10 in., total depth 510 ft, cased to 150 ft, cement plug between 410 ft and 450 ft. Bottom interval of open hole is 450 to 510 ft.
INSTRUMENTATION.--Intermitted measurement with chalked tape by USGS personnel.
DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (Topo Map). Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.
REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.
PERIOD OF RECORDS.--April 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.15 ft below land-surface datum, Nov. 29, 1962; lowest measured, 20.14 ft below land-surface datum, Aug. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1983-1986

DATE	LEVEL	DATE	LEVEL	DATE	LEVEL	DATE	LEVEL	DATE	LEVEL
10/15/82	16.10	08/10/83	19.00	08/15/84	18.98	05/16/85	18.98	05/05/86	19.40
11/09/82	16.00	09/14/83	18.15	10/10/84	18.50	07/19/85	18.41	06/23/86	18.62
01/31/83	14.50	11/04/83	18.27	11/13/84	17.21	09/19/85	17.89	08/18/86	20.14
03/09/83	16.30	01/06/84	16.37	12/19/84	17.90	11/04/85	16.65		
05/31/83	16.40	03/02/84	16.82	02/07/85	17.29	12/30/85	18.14		
07/25/83	18.65	07/10/84	18.58	03/27/85	17.30	02/11/86	17.69		

MISCELLANEOUS GROUND-WATER SITES

BEAUFORT COUNTY

321558080431303. Local number, BFT-315, USGS TW 8 Point 2.
LOCATION.--Lat 32°15'58", long 80°43'13", Hydrologic Unit 03050208, Hilton Head, SC.
OWNER: U S Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--2 inch steel pipe extends 190 ft into top interval of multi-depth drilled observation well, diameter 10 in., total depth 410 ft, cased to 150 ft. Top interval of open hole is 150 to 410 ft.
INSTRUMENTATION.--Intermitted measurement with chalked tape by USGS personnel.
DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum of 1929 (Topo Map). Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.
REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.
PERIOD OF RECORDS.--April 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.10 ft below land-surface datum, Nov. 29, 1962; lowest measured, 19.17 ft below land-surface datum, Aug. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1983-1986

DATE	LEVEL	DATE	LEVEL	DATE	LEVEL	DATE	LEVEL	DATE	LEVEL
10/15/82	16.10	08/10/83	17.60	08/15/84	18.21	05/16/85	18.34	05/05/86	18.78
11/09/82	16.00	09/14/83	16.82	10/10/84	16.77	07/18/85	17.25	06/23/86	17.26
01/31/83	13.00	11/04/83	17.84	11/13/84	16.10	09/19/85	16.77	08/18/86	19.17
03/09/83	15.85	01/06/84	15.22	12/19/84	17.14	11/04/85	15.51		
05/31/83	15.20	03/02/84	15.89	02/07/85	16.10	12/30/85	17.44		
07/25/83	17.45	07/10/84	17.65	03/27/85	16.30	02/11/86	17.29		

321551080491003. Local number, BFT-429.

LOCATION.--Lat 32°15'51", long 80°49'10", Hydrologic Unit 03050208, 7.7 mi southeast on U.S. Hwy. 278 from intersection with State Hwy. 170, 1.6 mi, northwest on County Road 744, 2 mi southwest of Foot Point Plantation at Victoria Bluff (Revised). Owner: South Carolina Wildlife and Marine Resources Dept.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 22.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.85 ft above land-surface datum.

REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in Distict files.

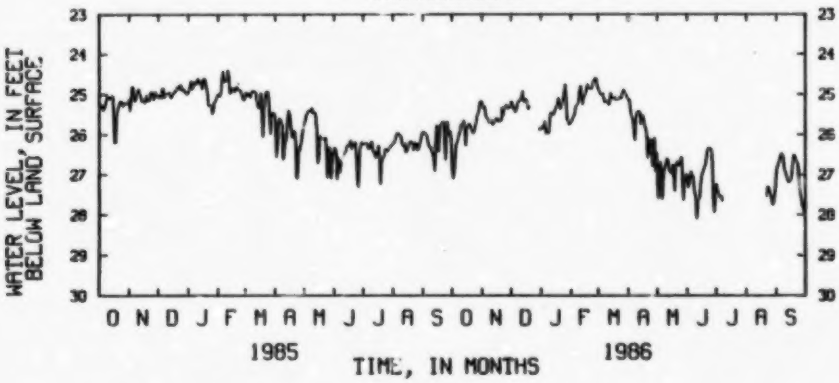
PERIOD OF RECORD.--August 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.71 ft below land surface datum, Sept. 10, 1971; lowest, 28.10 ft below land-surface datum, June 11, 1986 (lowest may have been exceeded during period of missing record July 8 to Aug 21, 1986).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.85	25.19	25.19	25.86	25.69	24.84	25.13	26.84	27.00	27.24	---	27.01
2	27.10	25.35	25.19	25.85	25.64	24.93	25.13	27.59	27.32	27.34	---	26.82
3	26.98	25.32	25.35	25.79	25.59	24.96	25.29	26.84	27.24	27.51	---	26.75
4	26.60	25.31	25.31	25.81	25.54	25.01	25.48	26.69	27.12	27.54	---	26.68
5	26.26	25.55	25.44	25.68	25.48	25.03	25.58	26.91	26.93	27.55	---	26.57
6	26.20	25.59	25.43	25.98	25.32	24.99	25.64	27.61	27.02	27.54	---	26.49
7	26.14	25.60	25.35	25.96	25.27	25.09	25.95	27.16	27.04	27.65	---	26.49
8	25.98	25.70	25.22	25.98	25.23	25.20	26.14	26.92	27.27	---	---	26.54
9	25.96	25.69	25.16	25.93	25.14	25.17	25.59	26.80	27.49	---	---	26.80
10	25.77	25.63	25.15	25.67	24.90	25.17	25.47	26.69	27.57	---	---	26.92
11	25.75	25.67	25.14	25.50	24.80	25.19	25.43	26.61	28.10	---	---	26.98
12	25.74	25.76	25.06	25.45	25.08	25.26	25.47	26.64	27.59	---	---	27.07
13	25.66	25.73	24.93	25.48	25.25	25.22	25.43	26.86	27.50	---	---	27.17
14	25.84	25.69	25.17	25.51	25.07	24.98	25.74	26.92	27.56	---	---	27.22
15	26.28	25.63	25.19	25.44	25.04	25.07	25.59	26.96	27.25	---	---	27.17
16	25.84	25.60	25.13	25.36	24.96	25.07	25.53	26.97	27.05	---	---	27.14
17	25.82	25.62	25.16	25.31	24.86	25.12	25.62	26.76	26.94	---	---	27.01
18	25.74	25.68	25.28	25.27	24.76	25.12	25.80	27.02	26.89	---	---	26.77
19	25.73	25.65	25.37	25.10	24.81	25.03	25.84	27.41	26.79	---	---	26.52
20	25.81	25.66	25.30	25.29	24.85	25.13	25.99	26.79	26.76	---	---	26.52
21	25.85	25.65	---	25.37	24.86	25.13	26.58	26.72	26.55	---	---	26.63
22	25.92	25.34	---	25.28	24.87	25.12	26.50	26.67	26.39	---	27.54	26.68
23	25.97	25.53	---	25.23	24.80	25.08	26.12	26.80	26.35	---	27.31	26.71
24	25.88	25.39	---	25.12	24.67	25.08	26.14	26.69	26.34	---	27.33	26.88
25	25.79	25.32	---	24.93	24.67	25.11	26.17	26.62	26.37	---	27.40	27.30
26	25.69	25.27	---	24.76	24.57	24.98	26.79	26.57	26.38	---	27.50	27.52
27	25.54	25.30	---	25.09	24.55	24.89	26.20	26.94	26.69	---	27.59	27.63
28	25.48	25.36	---	25.63	24.82	24.94	26.09	27.63	27.55	---	27.75	27.80
29	25.41	25.33	---	25.66	---	24.98	26.93	27.19	27.94	---	27.72	27.78
30	25.21	25.31	25.91	25.75	---	25.02	26.46	27.06	27.42	---	27.54	27.99
31	25.18	---	25.84	25.71	---	25.07	---	27.01	---	---	27.36	---
MEAN	25.93	25.51	---	25.51	25.04	25.06	25.86	26.93	27.08	---	---	26.98
MAX	27.10	25.76	---	25.98	25.69	25.26	26.93	27.63	28.10	---	---	27.99
MIN	25.18	25.19	---	24.76	24.55	24.84	25.13	26.57	26.34	---	---	26.49

HYDROGRAPH



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BEAUFORT COUNTY

320910080472001. Local number, BFT-439.

LOCATION.--Lat 32°09'10", long 80°47'20", Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation, on Hilton Head Island (Revised).
Owner: Sea Pines Plantation.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 214 ft, cased to 125 ft, open hole from 125 to 214 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 6.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface (Revised).

REMARKS.--Gamma log available in District files. Water-quality data available in District files.

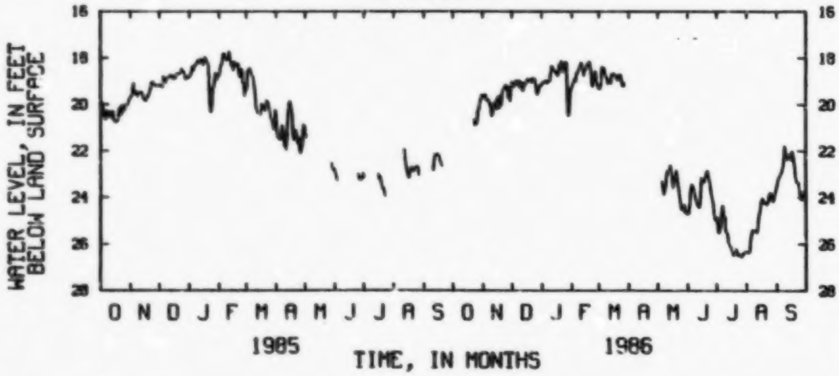
PERIOD OF RECORD.--October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 15.32 ft below land-surface datum, Feb. 28, Mar. 17, 1983; lowest, 30.22 ft below land-surface datum, Aug. 9, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.59	19.02	19.15	19.24	19.32		---	24.69	24.85	26.33	23.46
2	---	19.76	19.14	19.03	19.13	19.32		---	24.71	25.31	26.39	23.26
3	---	19.98	19.24	19.05	19.01	19.12		---	24.32	25.52	26.37	23.15
4	---	19.62	19.11	19.03	18.87	18.39		---	23.66	25.44	26.31	23.10
5	---	19.84	18.98	18.98	19.01	18.42		23.32	23.45	25.22	25.80	22.96
6	---	19.81	19.13	19.09	18.63	18.44		23.58	23.52	24.68	25.55	22.90
7	---	19.81	19.14	19.03	18.60	18.67		23.90	23.70	24.36	25.39	22.73
8	---	20.03	18.96	18.94	18.50	18.81		23.76	23.89	24.86	25.40	22.45
9	---	19.98	19.28	19.00	18.39	18.83		23.41	24.07	24.82	25.44	21.80
10	---	20.51	19.03	18.67	18.19	19.13		23.07	24.20	25.39	25.41	22.04
11	---	20.41	19.14	18.34	18.26	18.94		22.85	24.32	25.51	25.51	22.39
12	---	20.15	19.43	18.42	18.48	18.96		22.87	24.42	25.56	25.38	22.32
13	---	19.97	19.27	18.54	18.77	19.11		22.83	24.43	25.95	24.91	22.18
14	---	19.90	19.17	18.52	18.46	18.68		22.63	23.97	26.04	24.67	22.12
15	---	20.23	19.03	18.63	18.51	18.75		22.98	23.16	26.09	24.42	22.33
16	---	19.74	19.06	18.67	18.36	18.66		23.39	23.38	26.26	24.13	22.41
17	---	19.67	18.90	18.78	18.25	18.71		23.62	23.25	26.32	24.04	22.02
18	---	20.18	18.95	18.55	18.20	18.73		23.27	23.33	26.51	24.16	22.27
19	---	19.66	18.94	18.27	18.15	18.88		23.11	23.16	26.44	24.25	22.60
20	---	20.05	18.90	18.61	18.45	18.97		22.85	22.98	26.30	24.21	23.10
21	---	19.52	19.06	18.14	18.83	18.77		23.21	22.86	26.22	24.29	23.37
22	---	19.34	18.87	18.49	19.23	18.71		23.54	23.08	26.40	24.36	23.33
23	20.66	19.35	18.85	18.62	19.09	18.74		23.86	23.32	26.49	24.17	23.36
24	20.92	19.17	18.90	18.40	18.75	18.99		24.18	23.55	26.45	23.87	23.62
25	20.84	19.34	19.06	18.18	18.58	19.22		24.47	23.87	26.47	23.80	23.90
26	20.61	19.18	19.35	18.18	18.98	19.03		24.55	24.05	26.61	23.91	24.09
27	20.30	19.71	19.59	19.28	19.15	19.22		24.35	24.23	26.54	24.12	24.10
28	20.20	19.29	19.44	20.48	19.29	---		24.31	24.71	26.44	24.19	24.04
29	19.96	19.87	19.18	20.46	---	---		24.66	24.93	26.38	24.01	23.73
30	19.76	19.25	19.23	19.53	---	---		24.50	24.99	26.36	23.75	23.87
31	19.61	---	19.13	19.33	---	---		24.73	---	26.32	23.67	---
MEAN	---	19.75	19.11	18.85	18.69	---		---	23.87	25.87	24.78	22.97
MAX	---	20.51	19.59	20.48	19.29	---		---	24.99	26.61	26.39	24.10
MIN	---	19.17	18.85	18.14	18.15	---		---	22.86	24.36	23.67	21.80

HYDROGRAPH



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BEAUFORT COUNTY

321125080423000. Local number, BFT-444.

LOCATION.--Lat 32°11'25", long 80°42'30", Hydrologic Unit 03050208, 0.1 mi from US HWY 278 at entrance of Palmetto Dunes, 110 ft off Queen Ferry Rd, approximately 200 ft N of the water tower on Hilton Head Island (Revised).

Owner: Palmetto Dunes Development Corp.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 212 ft, cased to 146 ft, open hole from 146 to 212 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 16.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.95 ft above land-surface datum.

REMARKS.--Electric and Gamma logs available in District files.

PERIOD OF RECORD.--February 1973 to current year.

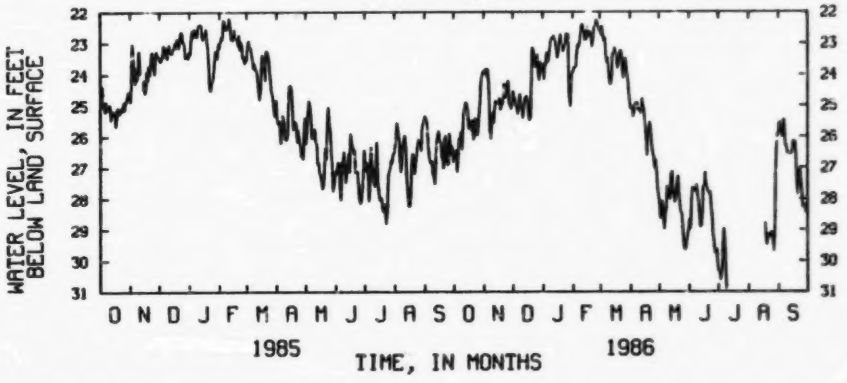
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.67 ft below land-surface datum, Jan. 19, 1976; lowest recorded, 30.91 ft below land-surface datum, July 9, 1986. (May have been exceeded during period of missing record July 10-Aug 18.)

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.72	23.88	24.56	23.83	23.94	22.58	25.12	28.06	28.68	30.33	---	25.95
2	26.50	23.98	24.90	24.16	23.78	22.74	25.04	28.65	28.98	30.35	---	25.52
3	26.45	23.83	24.75	23.65	23.78	22.47	25.02	28.10	28.02	30.63	---	25.84
4	27.15	24.09	25.04	23.71	23.77	22.78	25.37	28.09	27.63	30.39	---	25.93
5	26.54	23.84	25.08	23.31	23.38	22.95	25.18	28.55	27.70	29.80	---	26.02
6	26.08	24.26	25.29	23.62	23.05	22.84	24.93	28.99	27.75	28.98	---	25.46
7	26.17	25.78	25.03	23.57	23.13	23.34	25.14	28.44	27.79	29.20	---	25.50
8	25.86	26.08	24.65	23.24	22.98	23.65	24.91	28.31	27.56	30.23	---	26.29
9	26.43	25.35	24.94	22.95	22.72	23.49	25.11	27.60	27.80	30.91	---	26.28
10	25.81	25.25	25.11	22.84	22.42	23.91	25.18	27.63	28.07	---	---	26.56
11	25.27	25.58	25.41	22.87	22.40	24 30	25.16	27.96	28.39	---	---	26.50
12	25.10	25.10	25.12	22.77	22.62	24.34	25.26	28.03	28.91	---	---	26.54
13	24.91	24.87	24.81	22.88	22.91	24.07	24.79	27.22	28.91	---	---	26.58
14	24.95	24.88	24.74	22.96	22.62	23.34	25.07	27.14	28.45	---	---	26.55
15	25.13	24.94	24.71	23.23	22.89	23.31	25.14	27.81	27.62	---	---	26.53
16	25.77	24.96	24.85	23.48	22.4[illegible]	23.16	25.59	27.97	27.60	---	---	26.15
17	25.49	24.78	25.30	23.33	22.80	23.33	25.87	28.12	27.17	---	---	26.24
18	25.70	25.15	25.48	23.02	22.71	23.42	26.62	27.75	27.57	---	28.79	26.17
19	25.81	25.00	25.39	22.73	22.63	23.81	26.04	27.57	27.68	---	29.39	26.70
20	25.49	24.99	24.14	23.01	22.89	23.64	25.67	27.28	27.78	---	29.48	27.55
21	26.11	24.64	23.16	23.05	23.12	23.33	25.55	27.93	27.81	---	29.14	27.87
22	25.98	24.30	23.20	23.27	22.79	23.24	25.90	28.22	27.78	---	29.18	27.23
23	25.42	24.77	23.72	23.12	22.47	23.30	26.34	28.43	28.21	---	29.29	27.04
24	25.71	24.35	23.78	23.01	22.46	23.92	26.58	28.50	28.55	---	29.08	27.45
25	25.97	24.59	23.53	22.70	22.26	24.12	26.67	28.91	27.11	---	29.09	27.72
26	25.66	24.21	23.38	22.75	22.30	23.63	27.04	29.40	29.36	---	29.27	28.28
27	25.26	24.97	23.91	22.71	22.45	23.49	26.77	29.62	29.76	---	29.68	28.16
28	24.84	25.01	24.19	24.61	22.60	23.86	27.13	29.65	29.63	---	28.95	28.18
29	24.30	25.12	23.61	25.04	---	24.07	27.65	29.42	29.63	---	27.05	28.44
30	24.04	24.98	23.93	24.25	---	24.36	27.94	29.13	30.18	---	26.34	28.29
31	23.93	---	23.67	23.92	---	24.81	---	29.01	---	---	25.91	---
MEAN	25.63	24.78	24.50	23.34	22.87	23.54	25.79	28.31	28.34	---	---	26.78
MAX	27.15	26.08	25.48	25.04	23.94	24.81	27.94	29.65	30.18	---	---	28.44
MIN	23.93	23.83	23.16	22.70	22.26	22.47	24.79	27.14	27.17	---	---	25.46

CAL YR 1985 MEAN 25.38 MAX 28.82 MIN 22.21

HYDROGRAPH



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322340080455500. Local number, BFT-453.

LOCATION.--Lat 32°23'40", long 80°45'55", Hydrologic Unit 03050208, 0.75 mi northeast of Edward Burton Rogers Bridge over Broad River at the intersection of State Hwy. 170, 281, and 20 on Parris Island (Revised).
Owner: South Carolina Water Resources Commission.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 104 ft, cased to 63 ft, open hole from 63 to 104 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.5 ft above landsurface datum.

REMARKS.--Geophysical logs available in District files. Water-quality data available in District files. Water level affected by stage of Broad River.

PERIOD OF RECORD.--December 1974 to current year.

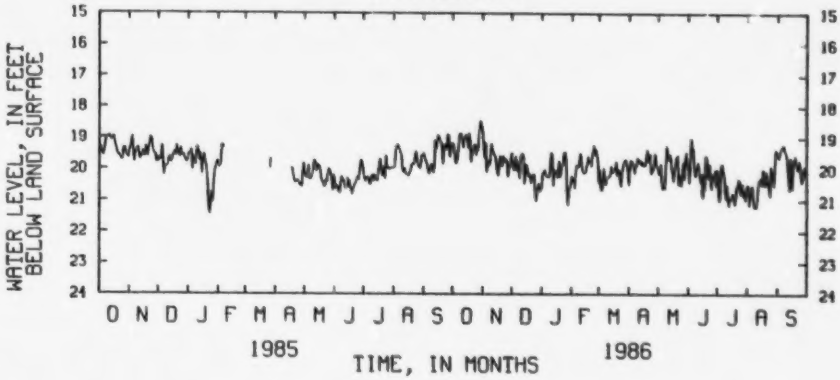
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.84 ft below land-surface datum, Nov. 14, 1981; lowest, 21.43 ft below land-surface datum, Jan. 23, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.19	18.81	19.51	20.62	20.23	20.43	20.50	19.97	19.88	20.02	20.50	19.46
2	19.26	19.27	19.91	20.14	20.32	20.03	19.97	20.15	20.42	20.18	20.53	19.65
3	19.45	19.64	20.03	20.12	20.40	20.66	19.72	19.96	19.88	21.01	21.13	19.50
4	19.83	19.18	20.00	20.03	20.61	20.67	19.75	19.84	19.03	20.88	20.90	19.38
5	19.81	20.10	19.61	20.15	20.08	20.51	19.78	20.42	19.24	19.87	20.60	19.29
6	19.63	19.88	20.03	20.24	19.88	19.98	19.94	20.62	19.40	19.84	20.53	19.29
7	19.30	19.75	20.05	20.21	19.93	20.25	20.13	20.48	19.91	20.05	20.89	19.23
8	18.94	19.88	19.78	20.23	19.93	20.49	19.94	20.61	20.20	20.19	21.20	19.39
9	18.88	19.61	20.29	20.25	19.67	20.29	19.86	19.87	20.20	20.49	21.12	19.47
10	18.89	19.21	19.64	19.87	19.51	20.27	19.65	19.29	19.90	20.93	21.21	19.56
11	19.14	19.41	19.55	19.48	19.82	20.21	19.69	19.52	19.79	20.51	20.98	19.86
12	19.33	19.48	19.51	19.56	20.04	20.23	19.78	19.71	19.99	20.90	20.56	20.26
13	19.08	19.56	19.61	20.52	20.12	20.13	19.72	19.52	20.22	21.16	20.34	20.66
14	18.97	19.62	20.47	20.05	20.07	19.91	19.86	19.63	20.41	20.93	20.39	19.63
15	18.92	19.81	20.10	20.04	20.11	20.10	19.76	20.01	20.15	20.90	20.28	20.41
16	19.04	20.12	19.86	20.04	19.90	20.04	19.87	20.11	20.91	20.84	20.51	20.60
17	19.34	20.21	19.96	20.26	19.85	20.05	19.89	20.38	20.12	20.77	20.02	19.70
18	18.87	19.86	20.24	20.22	19.61	19.97	19.84	19.99	20.66	20.96	20.32	19.74
19	19.18	19.59	20.15	19.76	19.74	19.77	19.65	19.74	19.57	21.11	20.52	19.57
20	19.78	19.69	20.20	20.25	19.72	20.19	19.39	19.61	19.65	20.92	20.08	19.78
21	19.53	19.91	20.45	20.10	19.91	20.02	19.76	19.54	20.21	20.60	20.22	20.00
22	19.43	19.59	20.27	19.87	19.57	20.02	19.57	20.48	20.30	20.53	20.53	19.92
23	19.27	19.77	20.18	19.84	19.42	20.33	19.53	20.20	19.84	20.32	20.49	19.73
24	19.23	19.68	20.17	19.48	19.27	20.54	20.14	20.48	20.20	20.37	20.85	19.85
25	19.57	19.70	20.54	19.47	19.55	20.06	20.08	20.52	20.61	20.80	19.92	20.19
26	19.35	19.77	21.01	19.64	19.38	19.91	20.03	20.02	20.34	20.59	20.04	20.41
27	19.41	20.25	20.73	20.60	19.59	19.79	19.86	19.78	20.13	20.47	20.26	20.26
28	18.96	19.95	20.60	21.14	19.81	19.72	19.51	20.31	20.28	20.85	20.53	20.17
29	18.75	19.90	20.47	20.61	---	19.70	19.75	19.63	20.04	20.72	19.79	19.91
30	18.47	19.66	20.70	20.60	---	19.81	19.92	19.48	20.53	20.98	19.39	20.22
31	18.63	---	20.57	20.45	---	20.00	---	19.80	---	20.60	19.52	---
MEAN	19.21	19.70	20.14	20.12	19.86	20.13	19.83	19.99	20.07	20.62	20.46	19.84
MAX	19.83	20.25	21.01	21.14	20.61	20.67	20.50	20.62	20.91	21.16	21.21	20.66
MIN	18.47	18.81	19.51	19.47	19.27	19.70	19.39	19.29	19.03	19.84	19.39	19.23

WTR YR 1986 MEAN 20.00 MAX 21.21 MIN 18.47

HYDROGRAPH



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BEAUFORT COUNTY

321459080420101. Local number, BFT-786.

LOCATION.--Lat 32°14'59", long 80°42'01", Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at end of State Road 335.

Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 524 ft, cased to 300 ft, open hole from 300 to 524 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 12.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .70 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.

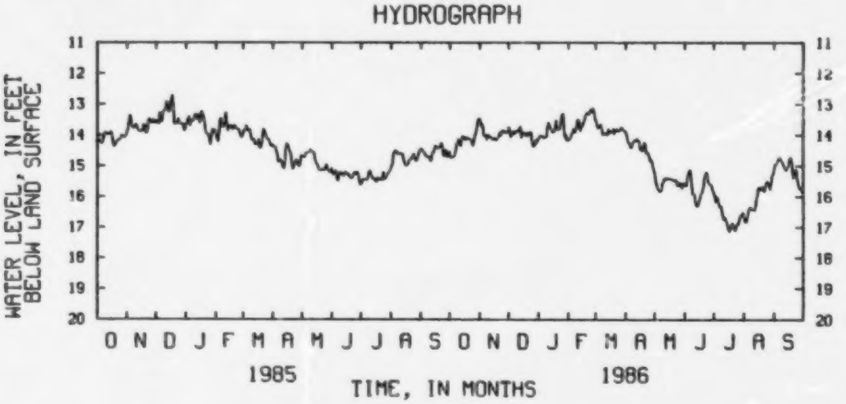
PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 8.83 ft below land-surface datum, May 18, 1980; lowest, 17.14 ft below land-surface datum, July 17, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.73	13.49	13.74	14.13	14.16	13.53	13.92	15.23	15.57	15.87	16.65	15.09
2	14.74	13.72	13.91	14.03	14.13	13.65	14.00	15.53	15.66	15.99	16.81	14.94
3	14.70	13.63	14.07	14.02	14.05	13.78	14.18	15.59	15.54	16.18	16.84	14.96
4	14.72	13.77	13.98	14.03	13.96	13.75	14.25	15.74	15.34	16.01	16.77	14.90
5	14.68	14.03	13.87	14.03	13.90	13.70	14.27	15.76	15.21	16.03	16.55	14.81
6	14.62	14.01	13.95	14.10	13.79	13.65	14.41	15.84	15.13	16.23	16.43	14.76
7	14.48	13.99	13.96	14.07	13.91	13.80	14.40	15.83	15.29	16.33	16.37	14.72
8	14.27	14.15	13.87	14.06	13.87	14.00	14.25	15.77	15.63	16.30	16.35	14.79
9	14.25	14.03	13.88	14.06	13.74	13.97	14.22	15.56	15.94	16.39	16.41	14.87
10	14.14	13.99	13.92	13.79	13.51	13.94	14.17	15.48	15.90	16.64	16.41	14.93
11	14.31	14.06	13.84	13.60	13.50	13.94	14.15	15.40	15.95	16.75	16.43	15.00
12	14.36	14.07	13.78	13.65	13.74	14.00	14.20	15.45	16.17	16.68	16.45	15.06
13	14.15	14.11	13.73	13.77	13.87	13.99	14.12	15.40	16.31	16.73	16.30	15.14
14	14.04	14.14	14.09	13.81	13.63	13.81	14.17	15.39	16.32	16.82	16.12	15.06
15	14.05	14.15	13.97	13.91	13.71	13.93	14.22	15.42	16.23	16.90	15.96	15.04
16	14.12	14.09	13.90	13.89	13.61	13.87	14.47	15.42	16.10	17.05	15.72	14.97
17	14.16	14.14	13.93	13.89	13.50	13.91	14.47	15.41	15.98	17.14	15.69	14.78
18	14.08	14.18	14.01	13.77	13.39	13.89	14.52	15.45	15.90	17.05	15.77	14.72
19	14.08	14.09	14.01	13.53	13.34	13.80	14.39	15.44	15.83	16.93	15.72	14.86
20	14.13	14.07	13.92	13.82	13.29	13.98	14.25	15.48	15.70	16.87	15.66	15.17
21	14.12	13.99	14.04	13.82	13.26	13.86	14.29	15.47	15.50	16.93	15.77	15.39
22	14.14	13.91	13.96	13.78	13.33	13.82	14.60	15.45	15.30	17.08	15.83	15.30
23	14.15	14.01	13.90	13.80	13.25	13.81	14.55	15.48	15.21	17.12	15.68	15.11
24	14.28	13.87	13.91	13.54	13.17	13.87	14.59	15.64	15.28	16.97	15.56	15.15
25	14.35	13.84	14.14	13.37	13.23	13.87	14.68	15.63	15.53	16.89	15.49	15.45
26	14.16	13.86	14.36	13.31	13.14	13.84	14.85	15.55	15.57	16.91	15.54	15.58
27	13.98	13.91	14.37	13.78	13.26	13.75	14.80	15.57	15.59	16.81	15.63	15.69
28	13.90	13.91	14.32	14.08	13.44	13.77	14.86	15.66	15.61	16.67	15.76	15.75
29	13.71	13.93	14.16	14.01	---	13.82	15.06	15.73	15.67	16.61	15.51	15.74
30	13.50	13.89	14.25	14.18	---	13.85	15.17	15.57	15.82	16.58	15.29	15.83
31	13.46	---	14.13	14.15	---	13.86	---	15.57	---	16.52	15.25	---
MEAN	14.21	13.97	14.00	13.86	13.60	13.84	14.42	15.55	15.69	16.64	16.02	15.12
MAX	14.74	14.18	14.37	14.18	14.16	14.00	15.17	15.84	16.32	17.14	16.84	15.83
MIN	13.46	13.49	13.73	13.31	13.14	13.53	13.92	15.23	15.13	15.87	15.25	14.72

CAL YR 1985 MEAN 14.44 MAX 15.61 MIN 13.24
WTR YR 1986 MEAN 14.75 MAX 17.14 MIN 13.14



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BEAUFORT COUNTY

321459080420102. Local number, BFT-787.

LOCATION.--Lat 32°14'59'', long 80°42'01'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at end of State Road 335.
Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 239 ft, cased to 126 ft, open hole from 126 to 239 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Geophysical logs and Water-quality data available in District files.

PERIOD OF RECORD.--July 1977 to current year.

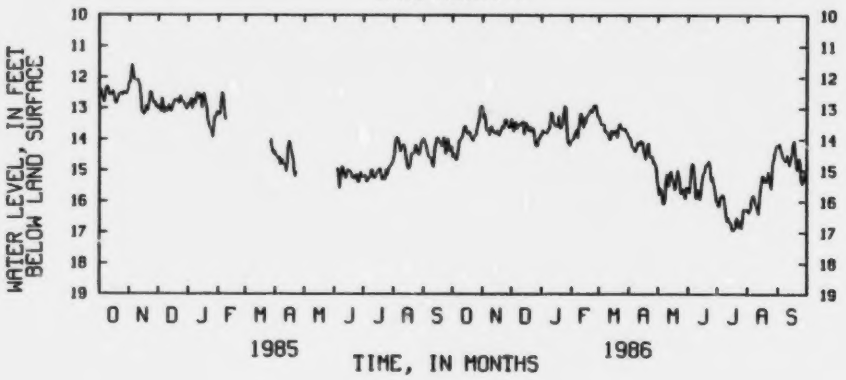
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.99 ft below land-surface datum, Mar. 9, 1978; lowest 16.95 ft below land-surface datum July 17, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.57	13.03	13.35	13.87	14.02	13.26	13.96	15.50	15.55	15.97	16.26	14.24
2	14.47	13.32	13.57	13.71	14.00	13.37	13.93	15.78	15.71	16.14	16.36	14.20
3	14.48	13.19	13.74	13.74	13.95	13.51	14.04	15.59	15.47	16.16	16.28	14.13
4	14.63	13.37	13.57	13.76	13.82	13.52	14.22	15.60	14.95	15.85	16.24	14.34
5	14.68	13.74	13.45	13.76	13.78	13.53	14.26	15.76	14.79	15.89	15.97	14.41
6	14.56	13.68	13.64	13.81	13.69	13.52	14.31	16.06	14.80	15.79	15.84	14.56
7	14.29	13.67	13.64	13.77	13.95	13.71	14.40	16.08	15.08	15.78	15.80	14.60
8	14.03	13.86	13.51	13.65	13.71	13.76	14.36	16.01	15.47	15.96	15.91	14.65
9	14.04	13.64	13.51	13.67	13.45	13.74	14.21	15.32	15.90	16.19	16.08	14.70
10	13.95	13.59	13.54	13.42	13.18	13.81	14.10	15.12	15.71	16.47	16.12	14.64
11	13.93	13.69	13.49	13.14	13.20	13.86	14.12	15.21	15.62	16.64	16.27	14.51
12	13.80	13.73	13.46	13.18	13.48	14.00	14.19	15.51	15.86	16.52	16.39	14.69
13	13.61	13.77	13.43	13.45	13.61	13.98	14.04	15.13	15.93	16.61	16.00	14.83
14	13.57	13.80	13.85	13.50	13.31	13.72	14.12	15.03	15.75	16.68	15.63	14.67
15	13.65	13.82	13.59	13.57	13.49	13.84	14.08	15.22	15.42	16.73	15.40	14.59
16	13.79	13.72	13.47	13.51	13.33	13.75	14.34	15.31	15.16	16.92	15.16	14.43
17	13.84	13.79	13.55	13.58	13.23	13.80	14.46	15.42	15.07	16.95	15.36	14.15
18	13.75	13.87	13.71	13.49	13.21	13.73	14.64	15.62	15.02	16.88	15.22	14.05
19	13.79	13.76	13.70	13.26	13.15	13.72	14.39	15.53	14.82	16.88	15.24	14.38
20	13.91	13.73	13.60	13.64	13.09	13.94	14.18	15.20	14.83	16.63	15.36	14.86
21	13.96	13.61	13.76	13.62	13.03	13.69	14.13	15.00	14.79	16.53	15.33	14.97
22	14.05	13.56	13.65	13.53	13.13	13.54	14.54	15.16	14.70	16.61	15.05	14.81
23	13.91	13.64	13.65	13.50	13.01	13.50	14.58	15.33	14.80	16.84	15.19	14.62
24	13.87	13.38	13.72	13.13	12.91	13.63	14.54	15.74	15.11	16.64	15.38	14.75
25	13.87	13.36	13.98	12.94	13.01	13.69	14.55	15.72	15.34	16.77	15.59	15.31
26	13.71	13.43	14.20	12.99	12.90	13.70	14.78	15.59	15.22	16.86	14.96	15.42
27	13.53	13.56	14.22	13.67	13.14	13.66	14.73	15.64	15.40	16.47	14.67	15.35
28	13.46	13.61	14.16	14.10	13.29	13.66	14.80	15.83	15.54	16.25	14.62	15.19
29	13.21	13.63	13.95	14.09	---	13.76	14.98	15.91	15.71	16.26	14.39	15.09
30	12.97	13.56	13.98	14.19	---	13.78	15.34	15.55	16.01	16.27	14.31	15.37
31	12.93	---	13.85	14.05	---	13.88	---	15.59	---	16.24	14.18	---
MEAN	13.90	13.60	13.69	13.59	13.40	13.70	14.38	15.52	15.32	16.43	15.50	14.68
MAX	14.68	13.87	14.22	14.19	14.02	14.00	15.34	16.08	16.01	16.95	16.39	15.42
MIN	12.93	13.03	13.35	12.94	12.90	13.26	13.93	15.00	14.70	15.78	14.18	14.05

WTR YR 1986 MEAN 14.48 MAX 16.95 MIN 12.90

HYDROGRAPH



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BERKELEY COUNTY

330218080080700. Local number, BRK-91.

LOCATION.--Lat 33°02'18", long 80°08'07", Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Hwy. 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.
Owner: Berkeley-Sangaree Public Service District.

AQUIFER.--Paleocene-Eocene limestone and sand.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 434 ft, cased to 75 ft, open hole from 75 to 434 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files.

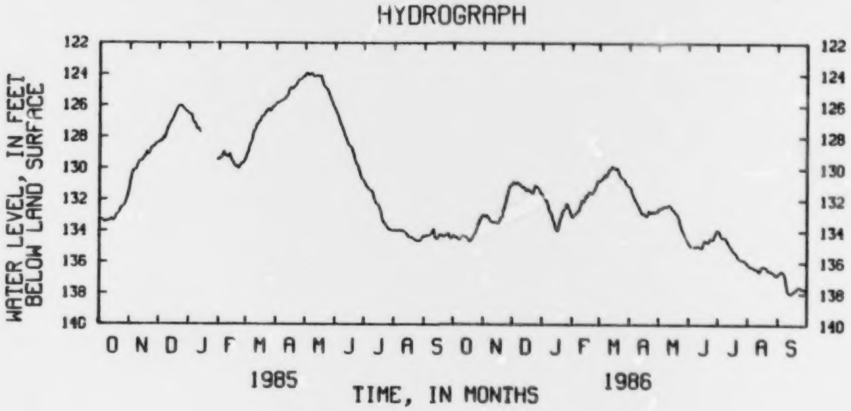
PERIOD OF RECORD.--June 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 85.47 ft below land-surface datum, June 16, 1978; lowest, 137.99 ft below land-surface datum, Sept. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	134.30	132.97	130.99	131.63	133.11	130.77	131.14	132.62	134.79	133.95	136.10	136.77
2	134.30	133.04	130.86	131.82	133.07	130.75	131.16	132.53	134.85	133.95	136.16	136.69
3	134.39	133.09	130.96	131.86	132.94	130.69	131.34	132.53	134.94	134.07	136.23	136.64
4	134.42	133.01	131.01	131.97	132.91	130.64	131.58	132.54	135.00	134.25	136.27	136.58
5	134.41	133.04	130.93	131.97	132.89	130.60	131.70	132.49	135.01	134.34	136.28	136.55
6	134.50	133.14	130.86	132.14	132.80	130.45	131.88	132.44	134.98	134.40	136.30	136.56
7	134.54	133.20	131.00	132.32	132.72	130.38	132.02	132.41	135.00	134.41	136.32	136.67
8	134.52	133.35	130.98	132.62	132.66	130.51	132.09	132.39	135.01	134.41	136.40	136.79
9	134.47	133.40	131.01	132.79	132.51	130.40	132.18	132.42	134.96	134.41	136.41	137.02
10	134.35	133.40	131.14	132.79	132.27	130.26	132.35	132.41	134.96	134.52	136.42	137.44
11	134.29	133.48	131.19	132.99	132.03	130.09	132.42	132.36	134.94	134.63	136.43	137.82
12	134.34	133.45	131.17	133.27	132.14	130.03	132.61	132.34	134.96	134.76	136.53	137.88
13	134.37	133.44	131.17	133.37	132.11	130.00	132.74	132.36	135.01	134.87	136.61	137.94
14	134.36	133.45	131.27	133.56	131.94	129.87	132.87	132.44	135.06	134.98	136.51	137.99
15	134.40	133.49	131.42	133.82	131.74	129.91	132.91	132.56	135.01	135.03	136.32	137.97
16	134.48	133.53	131.37	133.95	131.81	129.93	132.85	132.62	134.81	135.15	136.23	137.90
17	134.58	133.48	131.33	133.97	131.68	129.97	132.92	132.66	134.65	135.25	136.26	137.87
18	134.66	133.35	131.34	133.82	131.54	130.05	133.01	132.76	134.58	135.31	136.26	137.80
19	134.62	133.15	131.43	133.39	131.49	129.97	133.05	132.85	134.64	135.37	136.30	137.76
20	134.53	133.09	131.46	133.20	131.55	130.02	132.93	132.88	134.71	135.43	136.32	137.73
21	134.42	133.06	131.52	133.06	131.61	130.21	132.72	133.02	134.71	135.52	136.40	137.64
22	134.29	132.65	131.59	132.82	131.54	130.39	132.73	133.17	134.64	135.69	136.52	137.57
23	134.21	132.49	131.44	132.64	131.45	130.49	132.81	133.44	134.51	135.74	136.54	137.55
24	134.13	132.25	131.22	132.61	131.34	130.55	132.81	133.70	134.46	135.78	136.50	137.58
25	133.94	131.98	131.08	132.51	131.21	130.63	132.75	133.84	134.50	135.81	136.56	137.66
26	133.79	131.67	131.16	132.31	131.05	130.64	132.78	133.99	134.53	135.83	136.59	137.68
27	133.60	131.38	131.18	132.24	130.79	130.68	132.82	134.11	134.41	135.84	136.63	137.67
28	133.35	131.18	131.28	132.47	130.82	130.85	132.76	134.31	134.26	135.85	136.66	137.68
29	133.27	131.08	131.28	132.57	---	131.00	132.75	134.44	134.12	135.87	136.78	137.77
30	133.15	131.05	131.54	132.81	---	131.06	132.77	134.51	133.97	135.95	136.82	137.75
31	133.03	---	131.56	132.98	---	131.09	---	134.67	---	136.03	136.82	---
MEAN	134.19	132.81	131.22	132.78	131.99	130.42	132.45	133.03	134.73	135.08	136.43	137.43
MAX	134.66	133.53	131.59	133.97	133.11	131.09	133.05	134.67	135.06	136.03	136.82	137.99
MIN	133.03	131.05	130.86	131.63	130.79	129.87	131.14	132.34	133.97	133.95	136.10	136.55

WTR YR 1986 MEAN 133.55 MAX 137.99 MIN 129.87



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CHARLESTON COUNTY

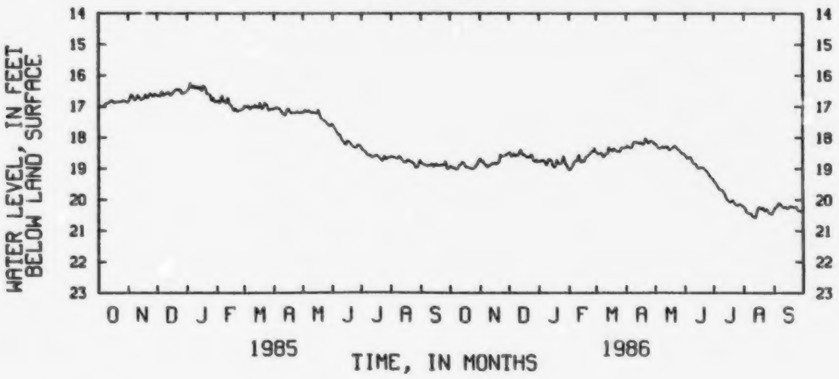
324741080041400. Local number, CHN-44.
LOCATION.--Lat 32°47'41", long 80°04'14", Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Hwy. 17 at elevated water tank.
Owner: U.S. Department of Agriculture.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing and screened intervals unknown.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 9.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.
REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.
PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 20.59 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.93	18.68	18.49	18.76	19.05	18.46	18.31	18.20	18.57	19.41	20.25	20.30
2	18.94	18.78	18.48	18.78	19.03	18.52	18.26	18.23	18.61	19.43	20.30	20.25
3	18.97	18.79	18.60	18.74	18.98	18.52	18.28	18.29	18.67	19.49	20.39	20.24
4	18.99	18.75	18.61	18.74	18.94	18.52	18.32	18.33	18.66	19.53	20.43	20.21
5	18.96	18.85	18.55	18.72	18.88	18.53	18.33	18.35	18.65	19.59	20.43	20.14
6	19.01	18.88	18.52	18.78	18.79	18.48	18.33	18.35	18.62	19.65	20.44	20.10
7	19.03	18.88	18.60	18.78	18.75	18.52	18.28	18.33	18.66	19.68	20.45	20.12
8	19.02	18.96	18.56	18.89	18.76	18.63	18.20	18.29	18.73	19.68	20.46	20.17
9	19.00	18.94	18.56	18.88	18.74	18.62	18.14	18.29	18.81	19.68	20.51	20.22
10	18.92	18.90	18.59	18.74	18.63	18.57	18.16	18.33	18.84	19.73	20.54	20.25
11	18.89	18.90	18.53	18.70	18.56	18.51	18.14	18.31	18.84	19.76	20.57	20.25
12	18.87	18.88	18.46	18.72	18.71	18.53	18.16	18.29	18.85	19.83	20.59	20.23
13	18.82	18.84	18.39	18.72	18.80	18.51	18.15	18.28	18.92	19.92	20.55	20.24
14	18.80	18.84	18.49	18.78	18.75	18.32	18.19	18.32	18.98	19.99	20.37	20.29
15	18.82	18.84	18.56	18.91	18.74	18.38	18.17	18.38	18.99	20.01	20.28	20.27
16	18.88	18.82	18.53	18.96	18.79	18.39	18.14	18.39	18.97	20.04	20.24	20.25
17	18.95	18.84	18.56	18.96	18.73	18.43	18.18	18.37	18.95	20.08	20.25	20.22
18	18.96	18.87	18.59	18.89	18.64	18.44	18.23	18.35	18.97	20.07	20.30	20.21
19	18.95	18.84	18.64	18.73	18.61	18.36	18.22	18.32	18.97	20.04	20.30	20.22
20	18.97	18.79	18.61	18.79	18.59	18.38	18.14	18.29	18.98	20.01	20.25	20.23
21	18.98	18.75	18.64	18.86	18.56	18.41	18.03	18.27	19.01	20.06	20.31	20.25
22	18.99	18.56	18.63	18.85	18.54	18.45	18.09	18.28	19.05	20.12	20.37	20.24
23	19.01	18.63	18.58	18.84	18.50	18.43	18.16	18.33	19.07	20.16	20.33	20.22
24	19.01	18.62	18.55	18.82	18.45	18.45	18.18	18.37	19.11	20.18	20.30	20.23
25	18.99	18.62	18.60	18.74	18.46	18.47	18.13	18.38	19.16	20.19	20.36	20.31
26	18.99	18.59	18.75	18.61	18.41	18.41	18.11	18.41	19.21	20.15	20.42	20.35
27	18.94	18.57	18.77	18.68	18.34	18.33	18.11	18.45	19.26	20.13	20.44	20.35
28	18.89	18.55	18.78	18.86	18.45	18.33	18.11	18.49	19.29	20.16	20.45	20.36
29	18.87	18.54	18.71	18.85	---	18.34	18.15	18.52	19.32	20.17	20.47	20.38
30	18.77	18.52	18.78	18.95	---	18.33	18.21	18.51	19.35	20.20	20.42	20.40
31	18.74	---	18.76	19.02	---	18.32	---	18.53	---	20.22	20.37	---
MEAN	18.93	18.76	18.60	18.81	18.68	18.45	18.19	18.35	18.94	19.91	20.39	20.25
MAX	19.03	18.96	18.78	19.02	19.05	18.63	18.33	18.53	19.35	20.22	20.59	20.40
MIN	18.74	18.52	18.39	18.61	18.34	18.32	18.03	18.20	18.57	19.41	20.24	20.10

CAL YR 1985 MEAN 17.97 MAX 19.03 MIN 16.26
WTR YR 1986 MEAN 19.02 MAX 20.59 MIN 18.03

HYDROGRAPH



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CHARLESTON COUNTY

330247079340300. Local number, CHN-101.

LOCATION.--Lat 33°02'39", long 79°34'10", (Revised) Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Hwy 913 and U.S. Hwy. 17 junction, 200 ft south of U.S. 17.
Owner: U.S. Forest Service.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.

REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

PERIOD OF RECORD.--January 1982 to current year.

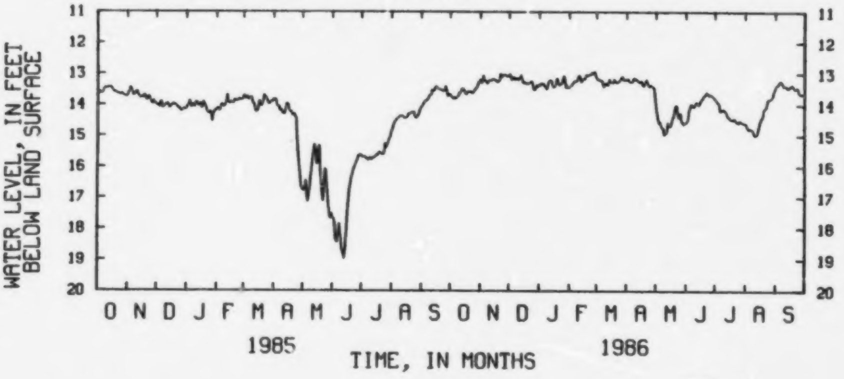
EXTREMES FOR PERIOD FOR RECORD.--Highest mean water level 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 18.97 ft below land-surface datum, June 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.69	13.19	13.02	13.35	13.43	13.12	13.19	14.08	14.55	13.82	14.60	13.42
2	13.73	13.30	13.03	13.37	13.39	13.18	13.16	14.30	14.51	13.84	14.65	13.36
3	13.78	13.26	13.20	13.30	13.35	13.18	13.21	14.48	14.41	13.90	14.73	13.36
4	13.81	13.07	13.18	13.33	13.31	13.20	13.25	14.59	14.19	13.93	14.79	13.31
5	13.75	13.20	13.12	13.31	13.28	13.22	13.26	14.54	14.08	13.97	14.76	13.26
6	13.80	13.25	13.12	13.40	13.23	13.20	13.26	14.70	13.98	14.20	14.76	13.23
7	13.79	13.23	13.20	13.40	13.23	13.28	13.23	14.74	13.98	14.18	14.78	13.27
8	13.74	13.32	13.15	13.49	13.23	13.42	13.15	14.75	14.04	14.16	14.81	13.32
9	13.73	13.27	13.16	13.45	13.20	13.37	13.14	14.96	14.06	14.13	14.89	13.39
10	13.62	13.21	13.20	13.27	13.08	13.32	13.18	14.97	14.00	14.17	14.97	13.38
11	13.61	13.23	13.15	13.23	13.05	13.29	13.18	14.92	13.92	14.18	14.96	13.38
12	13.56	13.21	13.10	13.22	13.19	13.36	13.22	14.83	13.92	14.22	14.96	13.39
13	13.48	13.18	13.05	13.24	13.27	13.34	13.24	14.56	13.98	14.31	14.91	13.45
14	13.49	13.18	13.21	13.31	13.17	13.18	13.27	14.62	14.00	14.38	14.78	13.46
15	13.54	13.20	13.30	13.43	13.16	13.25	13.23	14.70	13.93	14.37	14.63	13.43
16	13.62	13.20	13.26	13.42	13.19	13.25	13.24	14.66	13.86	14.44	14.52	13.40
17	13.67	13.23	13.30	13.39	13.13	13.29	13.34	14.55	13.82	14.46	14.42	13.38
18	13.64	13.28	13.31	13.31	13.04	13.28	13.39	14.38	13.79	14.45	14.41	13.36
19	13.57	13.25	13.34	13.16	13.04	13.18	13.35	14.37	13.72	14.48	14.29	13.40
20	13.58	13.23	13.29	13.29	13.06	13.23	13.26	14.15	13.69	14.43	14.13	13.46
21	13.57	13.19	13.32	13.38	13.03	13.27	13.19	14.03	13.66	14.45	14.10	13.48
22	13.57	13.00	13.29	13.35	13.04	13.29	13.27	14.01	13.60	14.52	14.08	13.46
23	13.63	13.11	13.25	13.34	13.00	13.25	13.37	14.24	13.62	14.53	13.94	13.44
24	13.62	13.06	13.24	13.30	12.96	13.23	13.41	14.41	13.65	14.55	13.83	13.47
25	13.56	13.05	13.33	13.18	13.01	13.21	13.36	14.37	13.69	14.57	13.81	13.60
26	13.53	13.03	13.52	13.07	12.96	13.15	13.38	14.27	13.67	14.50	13.81	13.64
27	13.47	13.05	13.51	13.22	12.94	13.09	13.40	14.53	13.68	14.54	13.78	13.65
28	13.45	13.07	13.46	13.45	13.09	13.14	13.43	14.55	13.70	14.55	13.76	13.66
29	13.39	13.09	13.36	13.38	---	13.20	13.47	14.62	13.74	14.57	13.71	13.64
30	13.27	13.07	13.42	13.44	---	13.18	13.82	14.57	13.77	14.58	13.57	13.65
31	13.28	---	13.36	13.44	---	13.19	---	14.58	---	14.59	13.49	---
MEAN	13.60	13.17	13.25	13.33	13.14	13.24	13.29	14.52	13.91	14.32	14.38	13.44
MAX	13.81	13.32	13.52	13.49	13.43	13.42	13.82	14.96	14.55	14.59	14.97	13.66
MIN	13.27	13.00	13.02	13.07	12.94	13.09	13.14	14.01	13.60	13.82	13.49	13.23

CAL YR 1985	MEAN	14.49	MAX	18.97	MIN	13.00
WTR YR 1986	MEAN			14.97	MIN	12.94

HYDROGRAPH



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CHARLESTON COUNTY

323031080185200. Local number, CHN-551.

LOCATION.--Lat 32°30'31", long 80°18'52", Hydrologic Unit 03050205, Edisto State Park, 1.4 mi west of State Highway 174 on Palmetto Drive, 0.25 mi E on dirt road (Revised).
Owner: Town of Edisto Beach

AQUIFER.--Surficial Sand (Revised).

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 45 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below landsurface datum.

REMARKS.--1982 Gamma and Neutron logs available in District files.

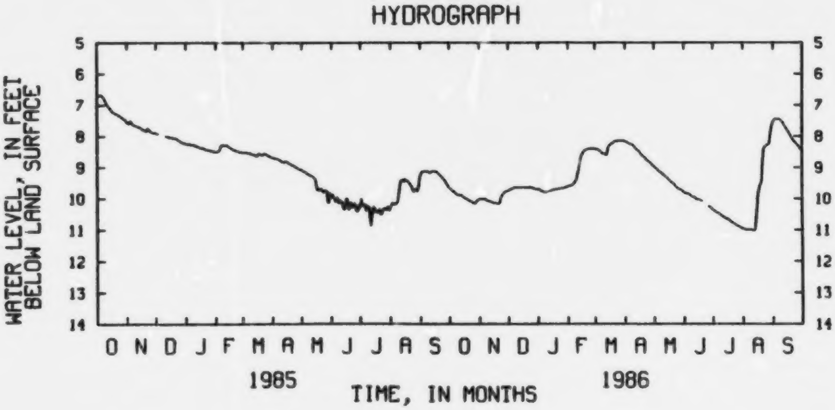
PERIOD OF RECORD.--November 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 4.59 ft below land-surface datum, Mar. 7, 1984; lowest, 11.02 ft below land-surface datum, August 11-12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.66	10.02	9.74	9.70	9.60	8.40	8.17	8.97	9.80	10.36	10.96	7.55
2	9.69	10.02	9.72	9.70	9.59	8.42	8.17	9.00	9.82	10.38	10.97	7.50
3	9.71	10.02	9.71	9.73	9.58	8.42	8.19	9.02	9.83	10.41	10.99	7.47
4	9.75	10.02	9.68	9.75	9.57	8.43	8.21	9.05	9.84	10.43	10.99	7.45
5	9.77	10.02	9.68	9.75	9.56	8.45	8.23	9.08	9.85	10.45	10.99	7.46
6	9.79	10.02	9.66	9.78	9.54	8.47	8.25	9.11	9.86	10.46	10.99	7.46
7	9.82	10.02	9.65	9.79	9.50	8.50	8.26	9.14	9.88	10.48	10.99	7.46
8	9.85	10.05	9.65	9.79	9.46	8.54	8.27	9.15	9.90	10.50	10.99	7.47
9	9.88	10.07	9.64	9.79	9.42	8.56	8.28	9.18	9.93	10.53	10.99	7.50
10	9.89	10.08	9.64	9.78	9.33	8.56	8.31	9.21	9.95	10.54	11.00	7.53
11	9.89	10.09	9.64	9.77	9.16	8.57	8.35	9.24	9.95	10.57	11.02	7.56
12	9.89	10.10	9.64	9.76	9.00	8.59	8.39	9.27	9.97	10.59	11.02	7.62
13	9.89	10.11	9.64	9.75	8.84	8.61	8.42	9.29	10.00	10.61	11.01	7.67
14	9.91	10.12	9.64	9.74	8.70	8.45	8.45	9.32	10.02	10.63	10.79	7.73
15	9.94	10.14	9.64	9.73	8.61	8.35	8.47	9.35	10.03	10.64	10.37	7.78
16	9.96	10.14	9.64	9.72	8.55	8.30	8.50	9.38	10.03	10.66	9.91	7.83
17	9.98	10.15	9.64	9.71	8.50	8.27	8.55	9.41	10.04	10.67	9.71	7.87
18	10.00	10.15	9.64	9.71	8.46	8.24	8.59	9.45	10.06	10.69	9.59	7.92
19	10.02	10.16	9.64	9.70	8.44	8.23	8.63	9.47	10.07	10.72	9.53	7.97
20	10.04	10.17	9.64	9.69	8.43	8.20	8.66	9.49	10.08	10.75	9.39	8.03
21	10.06	10.17	9.64	9.69	8.41	8.17	8.67	9.51	---	10.77	8.79	8.08
22	10.08	10.13	9.64	9.68	8.40	8.17	8.70	9.55	---	10.79	8.44	8.13
23	10.09	9.99	9.64	9.68	8.40	8.15	8.75	9.59	---	10.80	8.35	8.16
24	10.10	9.92	9.64	9.67	8.39	8.15	8.78	9.63	---	10.83	8.32	8.19
25	10.12	9.87	9.64	9.67	8.39	8.15	8.80	9.66	---	10.85	8.29	8.24
26	10.15	9.83	9.66	9.66	8.39	8.14	8.82	9.68	10.25	10.87	8.27	8.27
27	10.16	9.80	9.67	9.66	8.39	8.14	8.85	9.69	10.26	10.88	8.27	8.30
28	10.14	9.78	9.68	9.65	8.39	8.14	8.88	9.70	10.28	10.90	8.23	8.34
29	10.09	9.77	9.69	9.64	---	8.14	8.91	9.73	10.30	10.92	7.98	8.38
30	10.06	9.75	9.70	9.63	---	8.14	8.95	9.75	10.33	10.94	7.78	8.43
31	10.04	---	9.70	9.62	---	8.15	---	9.77	---	10.95	7.63	---
MEAN	9.95	10.02	9.66	9.71	8.89	8.33	8.52	9.38	---	10.66	9.76	7.84
MAX	10.16	10.17	9.74	9.79	9.60	8.61	8.95	9.77	---	10.95	11.02	8.43
MIN	9.66	9.75	9.64	9.62	8.39	8.14	8.17	8.97	---	10.36	7.63	7.45

CAL YR 1985 MEAN 9.41 MAX 10.87 MIN 8.23



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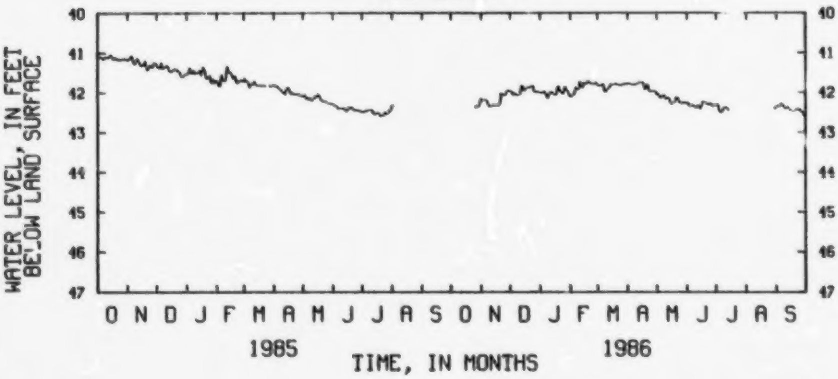
COLLETON COUNTY

330256080354500. Local number, COL-97.
LOCATION.--Lat 33°02'56", long 80°35'45", Hydrologic Unit 03050205, 1.6 mi southeast of Canadys at intersection of State Hwy. 51 and State Road 45.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 500 ft, cased to 134.4 ft (Revised), open hole from 134.4 to 500 ft (Revised).
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of platform, 2.10 ft above land-surface datum.
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.
PERIOD OF RECORD.--August 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.79 below land-surface datum, May 14, 1978; lowest 42.59 ft below land-surface datum, July 20, 1985, Sept 30, 1986 (lowest may have been exceeded during period of missing record Jul. 15 to Aug. 29, 1986).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	42.17	41.96	41.99	42.10	41.82	41.78	42.04	42.26	42.32	---	42.36
2	---	42.18	41.96	42.01	42.10	41.83	41.78	42.03	42.26	42.32	---	42.35
3	---	42.18	42.01	42.01	42.07	41.83	41.78	42.06	42.31	42.31	---	42.35
4	---	42.18	42.05	42.00	42.05	41.82	41.78	42.11	42.34	42.41	---	42.35
5	---	42.18	42.06	41.98	42.03	41.82	41.80	42.14	42.33	42.49	---	42.32
6	---	42.19	42.01	42.01	41.96	41.81	41.80	42.12	42.32	42.51	---	42.30
7	---	42.21	42.05	42.01	41.88	41.80	41.80	42.09	42.32	42.49	---	42.31
8	---	42.28	42.07	42.11	41.91	41.95	41.80	42.07	42.34	42.45	---	42.32
9	---	42.34	42.06	42.14	41.92	41.99	41.80	42.08	42.36	42.40	---	42.37
10	---	42.35	42.06	42.06	41.88	41.96	41.79	42.15	42.38	42.39	---	42.40
11	---	42.35	42.06	42.01	41.73	41.90	41.7.	42.16	42.37	42.39	---	42.40
12	---	42.33	41.99	42.00	41.81	41.90	41.77	42.14	42.35	42.39	---	42.37
13	---	42.32	41.84	41.99	41.88	41.89	41.75	42.14	42.35	42.42	---	42.37
14	---	42.32	41.83	41.99	41.86	41.83	41.75	42.16	42.38	42.45	---	42.43
15	---	42.32	41.95	42.04	41.76	41.80	41.76	42.25	42.41	---	---	42.45
16	---	42.32	41.94	42.06	41.78	41.80	41.75	42.28	42.34	---	---	42.44
17	---	42.32	41.91	42.06	41.79	41.80	41.75	42.28	42.27	---	---	42.46
18	---	42.32	41.88	42.03	41.75	41.79	41.82	42.27	42.25	---	---	42.48
19	---	42.32	41.88	41.88	41.72	41.79	41.91	42.25	42.26	---	---	42.47
20	---	42.31	41.87	41.85	41.72	41.79	41.90	42.22	42.26	---	---	42.46
21	---	42.22	41.87	41.95	41.76	41.79	41.81	42.17	42.27	---	---	42.43
22	---	42.03	41.88	41.98	41.77	41.80	41.81	42.13	42.29	---	---	42.42
23	---	42.05	41.85	41.98	41.78	41.81	41.93	42.16	42.29	---	---	42.42
24	---	42.07	41.84	42.03	41.79	41.81	41.97	42.23	42.28	---	---	42.41
25	---	42.07	41.85	42.02	41.78	41.82	41.98	42.26	42.28	---	---	42.45
26	42.37	42.06	41.98	41.89	41.78	41.82	41.97	42.26	42.30	---	---	42.47
27	42.37	42.00	41.98	41.86	41.75	41.80	41.97	42.26	42.33	---	---	42.47
28	42.35	41.97	41.98	41.96	41.78	41.79	41.97	42.26	42.33	---	---	42.48
29	42.34	41.96	41.97	41.97	---	41.79	41.97	42.26	42.32	---	---	42.56
30	42.32	41.96	41.99	42.00	---	41.79	41.99	42.26	42.32	---	42.40	42.59
31	42.25	---	41.99	42.07	---	41.79	---	42.26	---	---	42.38	---
MEAN	---	42.20	41.96	42.00	41.85	41.83	41.84	42.18	42.32	---	---	42.42
MAX	---	42.35	42.07	42.14	42.10	41.99	41.99	42.28	42.41	---	---	42.59
MIN	---	41.96	41.83	41.85	41.72	41.79	41.75	42.03	42.25	---	---	42.30

HYDROGRAPH



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DORCHESTER COUNTY

331325080263400. Local number, DOR-103.

LOCATION.--Lat 33°13'25", long 80°26'34", Hydrologic Unit 03050206, 0.8 mi northeast of U.S. Hwy. 178, approximately 120 ft E. of railroad in Harleyville (Revised).
Owner: Ford Redimix Concrete Co.

AQUIFER.--Tertiary limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 56 ft, cased to 43 ft, open hole from 43 to 56 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft above landsurface datum.

REMARKS.--Original depth was 212 ft, well caved in and bottom was plugged with cement. Well was sounded Mar. 27, 1980 to a depth of 56 ft. Water-quality analysis on file in District office. Pump test data on file in District office. Gamma and caliper logged Nov. 29, 1979 to a depth of 55 ft.

PERIOD OF RECORD.--January 1980 to current year.

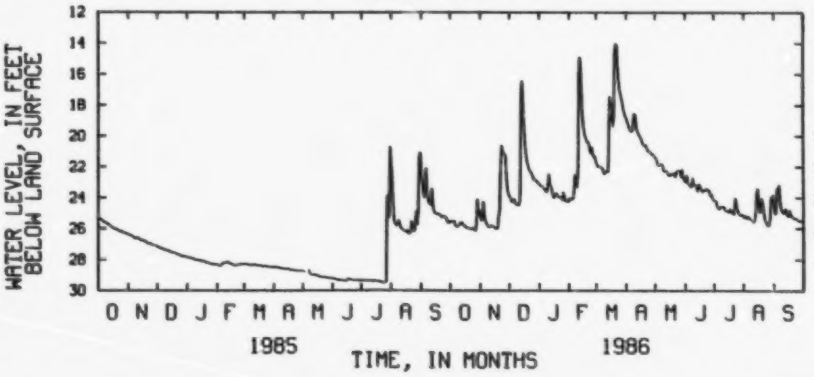
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.36 ft below land-surface datum, May 8, 1984; lowest, 29.52 ft below land-surface datum, July 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1906
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.55	24.95	23.93	23.12	24.06	21.78	18.89	21.37	22.96	24.18	25.30	24.68
2	25.56	25.50	23.98	23.23	24.04	21.98	19.03	21.45	22.97	24.21	25.19	25.07
3	25.59	25.43	24.22	23.23	24.13	21.96	19.23	21.75	22.56	24.20	25.19	24.95
4	25.57	24.31	24.29	23.27	24.09	21.98	19.42	21.91	23.04	24.51	25.36	23.40
5	25.53	25.13	24.16	23.33	24.03	22.05	19.61	21.88	23.15	24.67	25.25	23.42
6	25.79	25.49	24.10	23.44	23.61	22.02	19.69	21.85	23.17	24.74	25.24	23.20
7	25.87	25.63	24.36	23.44	22.53	22.10	19.69	21.82	23.30	24.67	25.36	24.18
8	25.89	25.79	24.43	23.62	22.80	22.34	19.52	21.81	23.26	24.61	25.41	24.68
9	25.85	25.88	24.45	23.63	23.34	22.47	18.56	21.97	22.73	24.58	25.41	24.87
10	25.76	25.91	24.50	23.20	22.14	22.35	18.62	22.25	23.14	24.65	25.53	24.96
11	25.63	25.89	24.43	22.51	16.13	22.26	19.09	22.31	23.17	24.58	25.61	25.02
12	25.67	25.83	24.18	23.18	14.94	22.34	19.53	22.26	23.20	24.70	25.53	24.76
13	25.60	25.84	17.79	23.29	15.92	22.34	19.76	22.29	23.37	24.84	25.13	24.71
14	25.78	25.87	16.44	23.45	18.29	19.55	19.92	22.40	23.56	24.87	23.77	25.11
15	25.79	25.88	17.95	23.89	19.01	17.47	20.01	22.53	23.13	24.88	23.43	25.18
16	25.84	25.94	19.35	24.01	19.62	18.02	20.11	22.56	23.16	24.95	24.32	25.21
17	25.93	26.03	20.52	23.84	19.95	18.82	20.32	22.48	23.38	24.95	24.93	24.84
18	25.96	26.01	21.12	23.73	20.15	19.39	20.48	22.52	23.49	24.74	24.94	25.11
19	25.98	25.95	21.58	23.72	20.37	18.75	20.60	22.45	23.63	24.88	24.04	25.21
20	26.03	25.16	21.86	23.90	20.35	14.71	20.61	22.42	23.51	25.01	24.31	25.28
21	26.00	24.77	22.11	23.97	20.49	14.07	20.58	22.43	23.49	25.06	24.76	25.33
22	26.03	21.90	22.26	23.96	20.88	14.11	20.74	22.64	23.50	25.08	25.24	25.35
23	26.03	20.65	22.34	23.96	21.11	15.50	20.93	22.36	23.42	24.05	25.49	25.36
24	26.00	20.97	22.44	24.15	20.73	16.44	21.00	22.27	23.46	24.32	25.64	25.38
25	26.00	21.11	22.61	24.14	21.15	17.02	20.99	22.24	23.59	24.76	25.78	25.45
26	26.09	21.19	22.81	23.66	21.33	17.33	21.08	22.26	23.52	24.90	25.83	25.48
27	26.17	21.41	22.85	23.86	21.29	17.56	21.16	22.34	23.86	25.07	25.77	25.52
28	25.72	22.85	22.89	24.21	21.57	17.93	21.17	22.66	23.76	25.13	25.27	25.50
29	24.13	23.51	22.88	24.24	---	18.28	21.23	22.18	23.93	25.09	23.95	25.48
30	25.19	23.77	23.04	24.19	---	18.52	21.36	22.64	24.11	25.10	24.10	25.57
31	24.85	---	23.03	24.27	---	18.70	---	22.84	---	25.17	23.84	---
MEAN	25.72	24.48	22.48	23.67	21.00	19.36	20.10	22.23	23.35	24.75	25.00	24.94
MAX	26.17	26.03	24.50	24.27	24.13	22.47	21.36	22.84	24.11	25.17	25.83	25.57
MIN	24.13	20.65	16.44	22.51	14.94	14.07	18.56	21.37	22.56	24.05	23.43	23.20

WTR YR 1986 MEAN 23.11 MAX 26.17 MIN 14.07

HYDROGRAPH



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FLORENCE COUNTY

340806079563100. Local number, FLO-85.

LOCATION.--Lat 34°08'06", long 79°56'31", Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville.

Owner: Town of Timmonsville.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 535 ft, screened intervals 235-240, 260-270, 410-415, 480-485, 505-515 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.

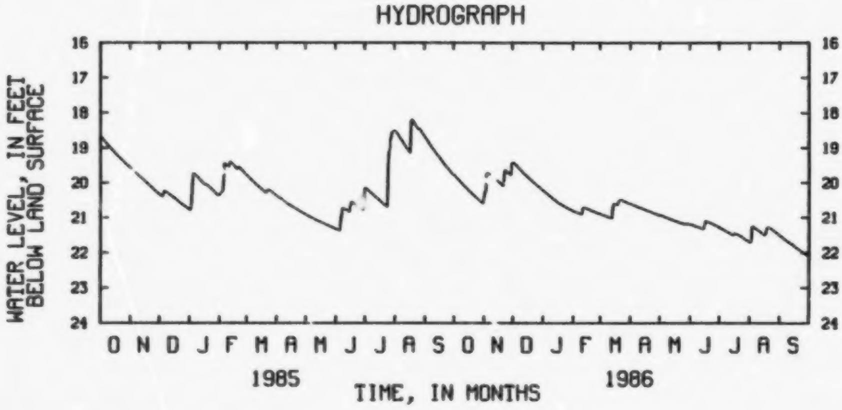
PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 22.08 ft below land-surface datum, Sept. 30, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.77	20.45	19.42	20.22	20.81	20.90	20.61	20.94	21.19	21.28	21.70	21.51
2	19.80	20.26	19.43	20.24	20.82	20.91	20.62	20.94	21.20	21.29	21.71	21.53
3	19.83	20.23	19.46	20.27	20.83	20.92	20.63	20.95	21.21	21.31	21.70	21.55
4	19.86	19.74	19.48	20.29	20.85	20.93	20.64	20.96	21.22	21.32	21.27	21.58
5	19.89	19.72	19.51	20.31	20.86	20.94	20.65	20.97	21.23	21.34	21.26	21.60
6	19.92	19.74	19.54	20.33	20.87	20.95	20.66	20.99	21.24	21.35	21.28	21.62
7	19.95	19.76	19.57	20.36	20.88	20.96	20.68	21.00	21.25	21.37	21.30	21.64
8	19.98	19.79	19.60	20.38	20.89	20.97	20.69	21.01	21.26	21.39	21.32	21.66
9	20.01	19.81	19.63	20.40	20.91	20.98	20.70	21.01	21.27	21.40	21.34	21.68
10	20.04	19.84	19.66	20.42	20.91	20.99	20.71	21.02	21.28	21.42	21.36	21.70
11	20.07	19.87	19.69	20.45	20.73	21.00	20.72	21.04	21.29	21.43	21.38	21.72
12	20.10	19.90	19.72	20.47	20.71	21.01	20.73	21.05	21.30	21.45	21.40	21.74
13	20.12	19.89	19.75	20.49	20.72	21.02	20.74	21.06	21.31	21.46	21.43	21.75
14	20.15	19.91	19.77	20.51	20.73	20.69	20.75	21.07	21.32	21.48	21.45	21.77
15	20.18	19.93	19.80	20.53	20.74	20.61	20.76	21.08	21.33	21.50	21.47	21.79
16	20.21	19.96	19.82	20.56	20.75	20.61	20.78	21.09	21.26	21.50	21.49	21.81
17	20.24	19.98	19.85	20.58	20.76	20.62	20.79	21.10	21.11	21.45	21.51	21.84
18	20.26	20.01	19.88	20.59	20.77	20.63	20.80	21.11	21.11	21.46	21.46	21.86
19	20.29	20.03	19.90	20.61	20.79	20.62	20.81	21.12	21.12	21.47	21.32	21.88
20	20.32	20.06	19.93	20.63	20.80	20.52	20.82	21.13	21.13	21.48	21.28	21.90
21	20.34	20.09	19.95	20.64	20.81	20.49	20.83	21.14	21.14	21.50	21.29	21.92
22	20.37	19.84	19.98	20.66	20.82	20.49	20.84	21.15	21.15	21.51	21.30	21.94
23	20.39	19.63	20.00	20.68	20.83	20.50	20.85	21.16	21.17	21.53	21.32	21.96
24	20.42	19.66	20.03	20.69	20.85	20.51	20.87	21.17	21.18	21.55	21.34	21.98
25	20.44	19.68	20.05	20.71	20.86	20.52	20.88	21.18	21.19	21.57	21.36	22.00
26	20.47	19.71	20.08	20.73	20.87	20.54	20.89	21.19	21.21	21.59	21.38	22.02
27	20.49	19.74	20.10	20.74	20.88	20.55	20.90	21.18	21.22	21.61	21.40	22.03
28	20.52	19.76	20.12	20.75	20.89	20.56	20.91	21.18	21.23	21.63	21.42	22.05
29	20.54	19.78	20.15	20.77	---	20.58	20.92	21.18	21.25	21.65	21.44	22.07
30	20.57	19.46	20.17	20.78	---	20.59	20.93	21.18	21.26	21.66	21.46	22.08
31	20.59	---	20.20	20.79	---	20.60	---	21.19	---	21.68	21.49	---
MEAN	20.20	19.87	19.81	20.53	20.82	20.73	20.77	21.08	21.22	21.47	21.41	21.81
MAX	20.59	20.45	20.20	20.79	20.91	21.02	20.93	21.19	21.33	21.68	21.71	22.08
MIN	19.77	19.46	19.42	20.22	20.71	20.49	20.61	20.94	21.11	21.28	21.26	21.51

CAL YR 1985	MEAN	20.03	MAX	21.38	MIN	18.20
WTR YR 1986	MEAN	20.81	MAX	22.08	MIN	19.42



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FLORENCE COUNTY

341200079444100. Local number, FLO-99.

LOCATION.--Lat 34°12'00", long 79°44'41", Hydrologic Unit 03040201, 85 ft east of the rear of City Products warehouse off East Day Street in Florence.
Owner: City Products, Kenneth Ness.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 216 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.72 ft above land-surface datum.

REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft. Obstruction between 30 to 40 ft. Water-quality data available in District files.

PERIOD OF RECORD.--June 1981 to current year.

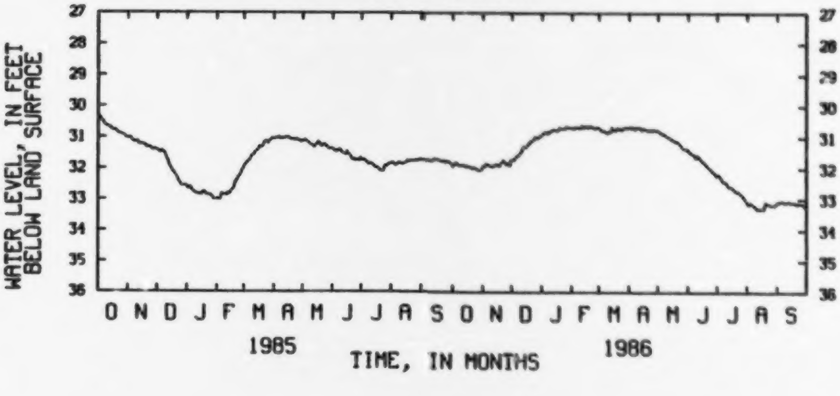
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 27.26 ft below land-surface datum, May 4, 1983; lowest, 33.71 ft below land-surface datum, July 25, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.94	31.93	31.72	30.91	30.71	30.70	30.68	30.77	31.38	32.24	33.10	33.10
2	31.89	31.93	31.72	30.89	30.68	30.71	30.66	30.80	31.46	32.18	33.17	33.09
3	31.86	31.94	31.74	30.85	30.73	30.78	30.70	30.83	31.47	32.23	33.17	33.09
4	31.82	31.87	31.69	30.84	30.68	30.80	30.71	30.85	31.50	32.26	33.11	33.08
5	31.82	31.85	31.65	30.83	30.69	30.77	30.65	30.90	31.51	32.30	33.12	33.07
6	31.87	31.89	31.60	30.88	30.68	30.79	30.72	30.88	31.53	32.36	33.16	33.05
7	31.91	31.91	31.60	30.83	30.66	30.80	30.74	30.88	31.54	32.43	33.18	33.08
8	31.90	31.90	31.58	30.87	30.70	30.84	30.67	30.92	31.58	32.43	33.20	33.11
9	31.91	31.92	31.5[illegible]	30.83	30.69	30.85	30.69	30.94	31.66	32.43	33.22	33.10
10	31.90	31.92	31.49	30.79	30.71	30.87	30.68	30.96	31.62	32.45	33.26	33.10
11	31.88	31.95	31.44	30.79	30.62	30.81	30.68	30.98	31.57	32.49	33.32	33.09
12	31.91	31.92	31.37	30.76	30.65	30.83	30.67	31.01	31.63	32.54	33.29	33.08
13	31.90	31.89	31.30	30.76	30.69	30.84	30.72	31.00	31.64	32.60	33.31	33.07
14	31.95	31.91	31.31	30.75	30.66	30.68	30.78	31.03	31.69	32.61	33.32	33.11
15	31.92	31.88	31.31	30.78	30.64	30.71	30.74	31.07	31.73	32.60	33.29	33.11
16	31.92	31.87	31.31	30.79	30.64	30.73	30.70	31.07	31.78	32.61	33.29	33.10
17	31.94	31.89	31.25	30.80	30.69	30.78	30.73	31.10	31.76	32.63	33.29	33.10
18	31.96	31.93	31.20	30.75	30.66	30.79	30.74	31.11	31.81	32.70	33.33	33.11
19	31.95	31.88	31.20	30.69	30.63	30.72	30.75	31.15	31.84	32.70	33.21	33.09
20	31.97	31.82	31.13	30.72	30.66	30.70	30.78	31.12	31.88	32.75	33.10	33.14
21	32.00	31.80	31.12	30.72	30.66	30.72	30.76	31.13	31.92	32.76	33.12	33.15
22	31.99	31.74	31.11	30.72	30.65	30.73	30.76	31.17	31.95	32.73	33.14	33.17
23	31.96	31.76	31.09	30.73	30.68	30.72	30.77	31.20	31.99	32.77	33.15	33.11
24	32.00	31.80	31.04	30.72	30.72	30.77	30.80	31.23	32.00	32.80	33.16	33.12
25	32.00	31.88	30.99	30.72	30.71	30.74	30.76	31.27	32.03	32.82	33.19	33.14
26	32.04	31.84	31.01	30.65	30.68	30.70	30.75	31.32	32.10	32.85	33.18	33.14
27	32.05	31.85	31.04	30.67	30.67	30.70	30.77	31.35	32.10	32.88	33.18	33.14
28	32.06	31.90	31.01	30.68	30.69	30.70	30.77	31.36	32.12	32.94	33.19	33.16
29	32.06	31.90	30.97	30.68	---	30.68	30.77	31.38	32.17	32.95	33.20	33.23
30	32.05	31.73	30.97	30.69	---	30.70	30.78	31.39	32.24	33.01	33.17	33.19
31	32.04	---	30.95	30.70	---	30.70	---	31.36	---	33.05	33.13	---
MEAN	31.95	31.87	31.30	30.77	30.68	30.75	30.73	31.08	31.77	32.62	33.20	33.11
MAX	32.06	31.95	31.74	30.91	30.73	30.87	30.80	31.39	32.24	33.05	33.33	33.23
MIN	31.82	31.73	30.95	30.65	30.62	30.68	30.66	30.77	31.38	32.18	33.10	33.05

CAL YR 1985 MEAN 31.77 MAX 33.03 MIN 30.95
WTR YR 1986 MEAN 31.66 MAX 33.33 MIN 30.62

HYDROGRAPH



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FLORENCE COUNTY

341144079345001. Local number, FLO-128.

LOCATION.--Lat 34°11'44", long 79°34'50", Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site. 430 ft from State Hwy. 76.
Owner: E. I. DuPont, de Nemours Co.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 695 ft (Revised), cased to 690 ft, screened intervals 263-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above landsurface datum.

REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

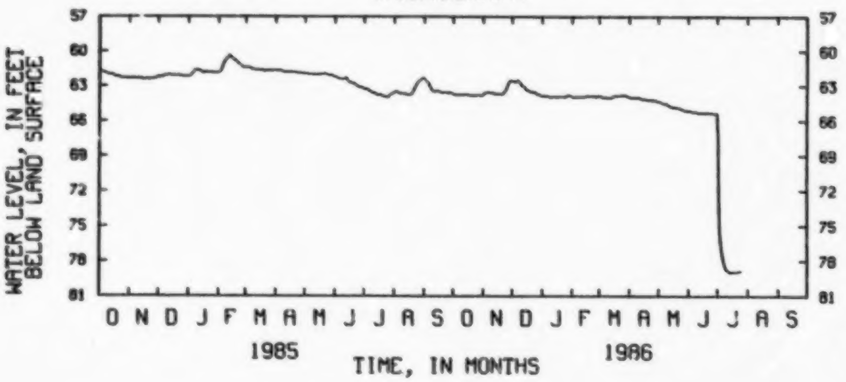
PERIOD OF RECORD.--January 1982 to July 1986. Station discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 78.97 ft below land-surface datum, July 13-21, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63.72	63.72	62.56	63.85	63.94	63.87	63.98	64.34	65.12	66.86		
2	63.75	63.61	62.57	63.85	63.94	63.89	63.99	64.34	65.13	73.85		
3	63.77	63.61	62.65	63.85	63.95	63.91	63.99	64.39	65.18	75.57		
4	63.77	63.55	62.66	63.85	63.96	63.98	64.00	64.43	65.21	76.51		
5	63.77	63.55	62.62	63.85	63.96	63.99	64.00	64.48	65.22	77.14		
6	63.76	63.57	62.55	63.88	63.94	63.97	64.00	64.52	65.22	77.65		
7	63.76	63.58	62.56	63.89	63.92	63.95	64.02	64.52	65.22	78.02		
8	63.76	63.59	62.62	63.94	63.92	64.00	64.03	64.52	65.22	78.33		
9	63.77	63.61	62.74	63.99	63.92	64.01	63.99	64.52	65.23	78.62		
10	63.77	63.61	62.87	63.96	63.93	64.01	63.99	64.60	65.29	78.76		
11	63.75	63.63	62.97	63.92	63.93	64.01	63.99	64.68	65.32	78.79		
12	63.75	63.68	63.02	63.92	63.93	64.02	64.04	64.71	65.30	78.91		
13	63.75	63.68	63.06	63.92	63.93	64.03	64.09	64.76	65.30	78.97		
14	63.75	63.68	63.16	63.93	63.92	63.95	64.12	64.77	65.30	78.97		
15	63.75	63.68	63.29	63.94	63.85	63.91	64.13	64.80	65.30	78.97		
16	63.76	63.68	63.33	63.94	63.85	63.86	64.12	64.82	65.31	78.97		
17	63.80	63.69	63.38	63.94	63.86	63.84	64.12	64.82	65.31	78.97		
18	63.82	63.70	63.41	63.94	63.87	63.84	64.15	64.83	65.32	78.97		
19	63.82	63.71	63.47	63.92	63.88	63.83	64.19	64.86	65.32	78.97		
20	63.82	63.71	63.49	63.90	63.88	63.82	64.20	64.87	65.32	78.97		
21	63.82	63.69	63.51	63.93	63.88	63.82	64.18	64.88	65.32	78.97		
22	63.82	63.58	63.54	63.94	63.88	63.82	64.17	64.89	65.33	78.96		
23	63.82	63.48	63.54	63.93	63.88	63.81	64.21	64.91	65.33	78.91		
24	63.82	63.36	63.54	63.94	63.90	63.79	64.23	64.98	65.34	78.87		
25	63.79	63.20	63.56	63.94	63.93	63.79	64.23	65.02	65.36	78.87		
26	63.78	62.96	63.69	63.86	63.93	63.79	64.23	65.03	65.36	---		
27	63.78	62.76	63.73	63.79	63.85	63.78	64.23	65.08	65.38	---		
28	63.78	62.62	63.73	63.80	63.84	63.78	64.23	65.12	65.38	---		
29	63.82	62.57	63.73	63.81	---	63.84	64.29	65.12	65.38	---		
30	63.83	62.56	63.82	63.83	---	63.88	64.34	65.12	65.38	---		
31	63.83	---	63.85	63.90	---	63.93	---	65.12	---	---		
MEAN	63.78	63.45	63.20	63.90	63.91	63.89	64.12	64.77	65.29	---		
MAX	63.83	63.72	63.85	63.99	63.96	64.03	64.34	65.12	65.38	---		
MIN	63.72	62.56	62.55	63.79	63.84	63.78	63.98	64.34	65.12	---		

CAL YR 1985 MEAN 62.66 MAX 64.00 MIN 60.37



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GEORGETOWN COUNTY

332424079171800. Local number, GEO-77.

LOCATION.--Lat 33°24'24", long 79°17'18", Hydrologic Unit 03040207, 5.0 mi north of Georgetown on U.S. Hwy. 701.
Owner: Georgetown Rural Water District.

AQUIFER.--Sands of the Pee Dee and Black Creek Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in from surface to 445 ft, 8 in from 445 ft to 748 ft, depth 748 ft, screened intervals 490-520, 580-660, 720-740 ft, gravel packed.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.

REMARKS.--Driller's log and geophysical logs available in District files.

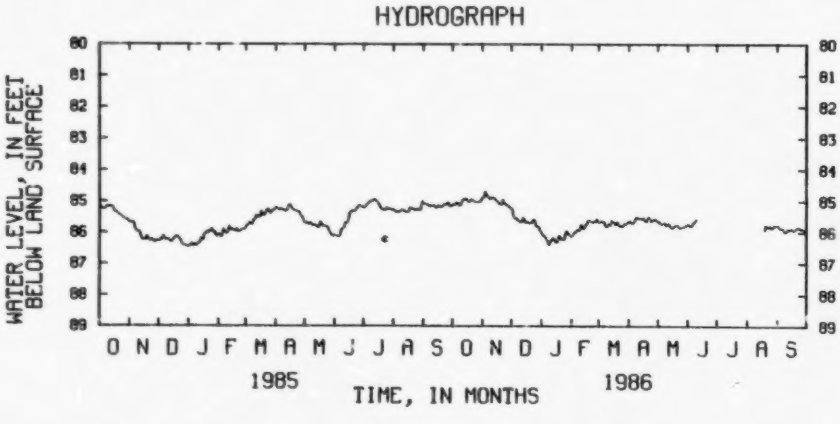
PERIOD OF RECORD.--June 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 96.82 ft below land-surface datum, Nov. 21-23, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.11	84.87	85.24	86.01	86.12	85.66	85.67	85.64	85.75		---	85.77
2	85.12	84.88	85.28	86.09	86.07	85.68	85.63	85.64	85.74		---	85.80
3	85.12	84.88	85.46	86.08	86.02	85.64	85.68	85.70	85.79		---	85.83
4	85.09	84.70	85.54	86.14	86.00	85.64	85.72	85.73	85.80		---	85.87
5	85.04	84.77	85.54	86.15	85.97	85.67	85.70	85.72	85.77		---	85.87
6	85.07	84.83	85.52	86.24	85.94	85.65	85.67	85.72	85.72		---	85.86
7	85.11	84.85	85.61	86.28	85.91	85.70	85.62	85.71	85.68		---	85.89
8	85.14	84.91	85.61	86.41	85.93	85.83	85.55	85.69	85.66		---	85.93
9	85.13	84.93	85.63	86.41	85.92	85.82	85.51	85.74	85.61		---	85.98
10	85.07	84.89	85.68	86.28	85.83	85.78	85.55	85.79	85.59		---	85.98
11	84.97	84.89	85.67	86.24	85.75	85.73	85.54	85.75	---		---	85.94
12	84.95	84.89	85.63	86.23	85.85	85.78	85.56	85.73	---		---	85.90
13	84.93	84.89	85.54	86.17	85.89	85.76	85.55	85.75	---		---	85.89
14	84.92	84.93	85.60	86.20	85.83	85.63	85.58	85.80	---		---	85.91
15	84.92	84.97	85.69	86.30	85.75	85.66	85.57	85.85	---		---	85.90
16	84.96	85.00	85.66	86.33	85.77	85.66	85.53	85.85	---		---	85.88
17	85.01	85.02	85.66	86.31	85.70	85.71	85.58	85.81	---		---	85.92
18	85.03	85.07	85.68	86.23	85.62	85.75	85.63	85.81	---		---	85.93
19	84.99	85.09	85.73	86.10	85.61	85.69	85.56	85.79	---		85.93	85.91
20	84.96	85.11	85.71	86.12	85.65	85.67	85.59	85.77	---		85.77	85.89
21	84.95	85.10	85.70	86.21	85.66	85.74	85.50	85.77	---		85.82	85.86
22	84.97	84.95	85.69	86.22	85.67	85.79	85.54	85.79	---		85.83	85.85
23	85.01	85.03	85.61	86.22	85.66	85.78	85.63	85.84	---		85.82	85.83
24	85.02	85.07	85.59	86.24	85.65	85.78	85.63	85.85	---		85.78	85.84
25	85.02	85.11	85.63	86.16	85.66	85.82	85.62	85.84	---		85.83	85.88
26	85.04	85.12	85.78	85.98	85.65	85.78	85.60	85.83	---		85.86	85.90
27	85.03	85.14	85.80	85.95	85.57	85.72	85.60	85.82	---		85.85	85.88
28	85.02	85.17	85.83	86.05	85.66	85.74	85.58	85.81	---		85.81	85.89
29	85.04	85.20	85.82	86.03	---	85.73	85.60	85.80	---		85.79	85.92
30	84.99	85.22	85.93	86.08	---	85.70	85.65	85.78	---		85.79	85.92
31	84.97	---	85.97	86.12	---	85.67	---	85.76	---		85.77	---
MEAN	85.02	84.98	85.65	86.18	85.80	85.72	85.60	85.77	---		---	85.89
MAX	85.14	85.22	85.97	86.41	86.12	85.83	85.72	85.85	---		---	85.98
MIN	84.92	84.70	85.24	85.95	85.57	85.63	85.50	85.64	---		---	85.77

CAL YR 1985 MEAN 85.46 MAX 86.45 MIN 84.70



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GEORGETOWN COUNTY

332610079104000. Local number, GEO-84.

LOCATION.--Lat 33°26'09'', long 79°10'35''(Revised), Hydrologic Unit 03040207, 2 mi west of Pawleys Island, south Causeway entrance on Hwy. 17.
Owner: Johnnie Strait.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct., 1969 to 535 ft. Water-level influenced by nearby pumping. Water-quality data available in District files.

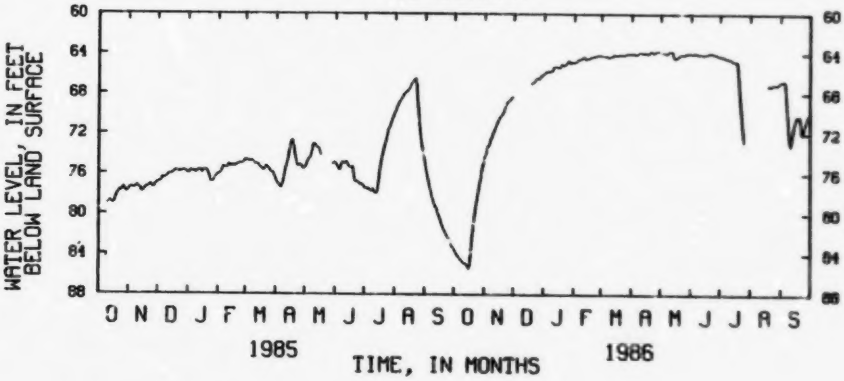
PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.38 ft below land-surface datum, Feb. 10, 1978; lowest, 85.48 ft below land-surface datum, Oct. 16, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83.60	74.44	---	66.01	64.86	64.17	64.00	63.80	63.93	64.22	---	66.81
2	83.78	74.21	---	65.92	64.83	64.24	63.94	63.86	63.98	64.24	---	66.77
3	83.97	73.84	---	65.84	64.77	64.25	63.95	63.85	63.95	64.29	---	66.79
4	84.13	73.30	---	65.83	64.68	64.26	63.99	63.89	63.90	64.23	---	66.74
5	84.22	73.24	---	65.76	64.62	64.22	64.03	63.92	63.93	64.20	---	66.75
6	84.37	73.01	---	65.80	64.54	64.21	64.04	63.97	63.90	64.38	---	67.73
7	84.50	72.62	---	65.76	64.49	64.27	64.01	63.96	63.94	64.44	---	69.31
8	84.59	72.45	---	65.79	64.48	64.36	63.89	63.91	64.01	64.46	---	70.72
9	84.75	72.20	---	65.72	64.44	64.32	63.84	63.75	64.05	64.46	---	71.91
10	84.80	71.88	---	65.53	64.34	64.29	63.85	63.74	63.99	64.51	---	72.93
11	84.92	71.71	---	65.35	64.27	64.24	63.84	63.73	63.99	64.65	---	73.20
12	84.96	71.46	---	65.32	64.42	64.25	63.89	63.77	64.05	64.55	---	72.50
13	84.95	71.15	---	65.33	64.55	64.18	63.88	63.81	64.09	64.66	---	71.88
14	85.11	70.88	---	65.34	64.49	64.04	63.92	64.31	64.11	64.74	---	71.37
15	85.29	70.71	---	65.39	64.48	64.14	63.87	64.44	64.05	64.72	---	70.94
16	85.48	70.51	---	65.38	64.46	64.13	63.90	64.41	64.01	64.74	---	70.59
17	84.99	70.33	---	65.36	64.40	64.16	63.94	64.36	64.02	64.78	---	70.26
18	83.76	70.24	---	65.26	64.31	64.16	63.97	64.31	64.01	64.81	---	70.41
19	82.66	70.08	67.00	65.05	64.30	64.05	63.86	64.22	63.92	65.49	67.24	70.39
20	81.72	69.94	66.92	65.14	64.28	64.09	63.78	64.14	63.94	67.00	67.11	70.19
21	80.81	69.76	66.88	65.15	64.25	64.11	63.69	64.08	63.92	68.39	67.18	70.69
22	80.00	69.35	66.80	65.12	64.26	64.12	63.78	64.07	63.87	69.71	67.24	71.92
23	79.29	69.18	66.63	65.08	64.20	64.07	63.86	64.03	63.93	70.83	67.13	72.08
24	78.63	68.92	66.51	64.96	64.15	64.09	63.87	64.10	63.99	71.83	67.07	71.63
25	77.99	68.83	66.47	64.81	64.20	64.09	63.80	64.08	64.03	72.79	67.05	71.33
27	76.81	68.65	66.47	64.77	64.10	63.96	63.73	63.94	64.04	---	67.13	70.72
28	76.33	68.54	66.39	64.96	64.16	63.95	63.69	63.95	64.11	---	67.14	70.43
29	75.79	68.39	66.19	64.84	---	63.96	63.74	63.98	64.16	---	67.02	70.17
30	75.23	68.30	66.18	64.88	---	63.98	63.80	63.91	64.20	---	66.93	70.04
31	74.89	---	66.07	64.87	---	63.99	---	63.91	---	---	66.86	---
MEAN	81.93	70.90	---	65.32	64.41	64.14	63.87	64.01	64.00	---	---	70.27
MAX	85.48	74.44	---	66.01	64.86	64.36	64.04	64.44	64.20	---	---	73.20
MIN	74.89	68.30	---	64.67	64.10	63.95	63.69	63.73	63.87	---	---	66.74

HYDROGRAPH



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GREENVILLE COUNTY

345335082185800. Local number, GRV-709.

LOCATION.--Lat 34°53'32'', long 82°17'47''(Revised), Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville.

Owner: School District of Greenville County.

AQUIFER.--Metamorphic rocks of Paleozoic to Precambrian age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 80 ft, cased to 6 ft, open hole from 6 to 80 ft.

INSTRUMENTATION.--Digital Recorder--60 minute punch.

DATUM.--Land-surface datum is 948 ft above National Geodetic Vertical Datum of 1929 (Revised). Measuring point: Top of casing, 1.73 ft above land-surface datum (Revised).

REMARKS.--Geophysical logs available in District files.

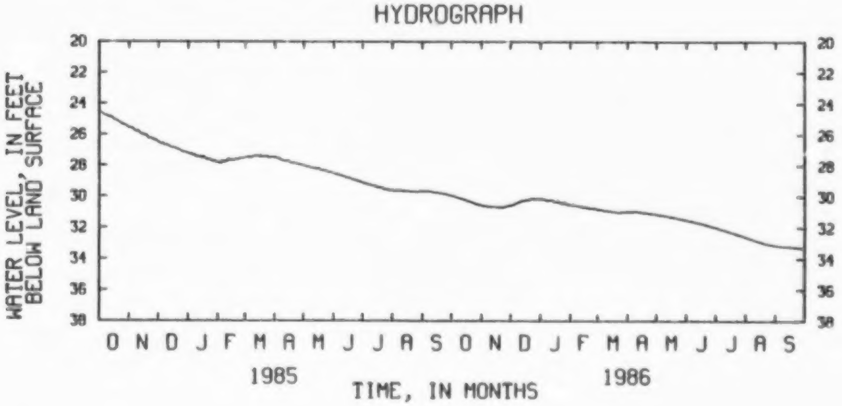
PERIOD OF RECORD.--May 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.81 ft below land-surface datum, June 28, 1973; lowest, 34.19 ft below land-surface datum, Oct. 28, 1981 (estimated).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.96	30.58	30.59	30.19	30.59	30.85	31.00	31.15	31.53	31.99	32.59	33.13
2	29.98	30.62	30.57	30.20	30.57	30.86	30.99	31.18	31.55	32.00	32.62	33.15
3	30.00	30.63	30.60	30.17	30.56	30.85	31.01	31.20	31.58	32.03	32.64	33.16
4	30.01	30.61	30.57	30.19	30.57	30.87	31.02	31.20	31.59	32.06	32.67	33.16
5	30.02	30.64	30.51	30.20	30.57	30.88	31.02	31.21	31.59	32.08	32.69	33.17
6	30.06	30.65	30.47	30.21	30.58	30.87	31.00	31.21	31.60	32.10	32.71	33.18
7	30.09	30.65	30.47	30.24	30.61	30.91	30.99	31.22	31.61	32.11	32.72	33.19
8	30.12	30.68	30.43	30.30	30.63	30.94	30.97	31.23	31.63	32.12	32.74	33.20
9	30.13	30.68	30.42	30.27	30.65	30.93	30.99	31.25	31.66	32.14	32.77	33.20
10	30.13	30.67	30.40	30.23	30.64	30.92	30.99	31.27	31.67	32.16	32.79	33.20
11	30.15	30.68	30.36	30.25	30.65	30.92	30.99	31.26	31.67	32.18	32.81	33.20
12	30.18	30.68	30.31	30.24	30.70	30.96	31.01	31.28	31.69	32.20	32.83	33.20
13	30.19	30.67	30.27	30.26	30.73	30.96	31.02	31.30	31.71	32.22	32.85	33.21
14	30.21	30.68	30.32	30.27	30.68	30.94	31.05	31.32	31.72	32.24	32.87	33.22
15	30.23	30.69	30.30	30.35	30.71	30.98	31.03	31.34	31.74	32.26	32.89	33.22
16	30.27	30.70	30.27	30.37	30.73	30.99	31.04	31.34	31.75	32.28	32.90	33.22
17	30.31	30.71	30.25	30.37	30.73	31.01	31.07	31.34	31.76	32.30	32.92	33.24
18	30.32	30.72	30.25	30.34	30.72	31.00	31.09	31.36	31.78	32.32	32.94	33.24
19	30.33	30.72	30.26	30.29	30.73	30.98	31.09	31.36	31.80	32.33	32.96	33.24
20	30.34	30.71	30.22	30.36	30.77	31.03	31.05	31.38	31.81	32.35	32.99	33.25
21	30.37	30.71	30.21	30.42	30.77	31.05	31.04	31.39	31.83	32.37	33.01	33.25
22	30.39	30.70	30.19	30.42	30.78	31.06	31.09	31.40	31.85	32.40	33.02	33.26
23	30.42	30.73	30.16	30.46	30.79	31.04	31.12	31.42	31.86	32.42	33.03	33.26
24	30.44	30.72	30.15	30.49	30.79	31.05	31.12	31.44	31.87	32.44	33.04	33.27
25	30.46	30.70	30.18	30.46	30.81	31.05	31.11	31.45	31.90	32.46	33.06	33.29
26	30.49	30.67	30.20	30.40	30.78	31.02	31.12	31.46	31.92	32.47	33.06	33.29
27	30.51	30.64	30.18	30.44	30.78	31.00	31.13	31.48	31.93	32.49	33.07	33.30
28	30.53	30.63	30.18	30.50	30.84	31.02	31.14	31.49	31.94	32.51	33.09	33.31
29	30.55	30.63	30.16	30.50	---	31.02	31.16	31.50	31.96	32.53	33.11	33.32
30	30.55	30.62	30.19	30.55	---	31.01	31.16	31.50	31.98	32.55	33.11	33.33
31	30.57	---	30.16	30.57	---	31.00	---	31.52	---	32.58	33.13	---
MEAN	30.27	30.67	30.32	30.34	30.70	30.97	31.05	31.34	31.75	32.28	32.89	33.23
MAX	30.57	30.73	30.60	30.57	30.84	31.06	31.16	31.52	31.98	32.58	33.13	33.33
MIN	29.96	30.58	30.15	30.17	30.56	30.85	30.97	31.15	31.53	31.99	32.59	33.13

CAL YR 1985	MEAN	28.96	MAX	30.73	MIN	27.20
WTR YR 1986	MEAN	31.32	MAX	33.33	MIN	29.96



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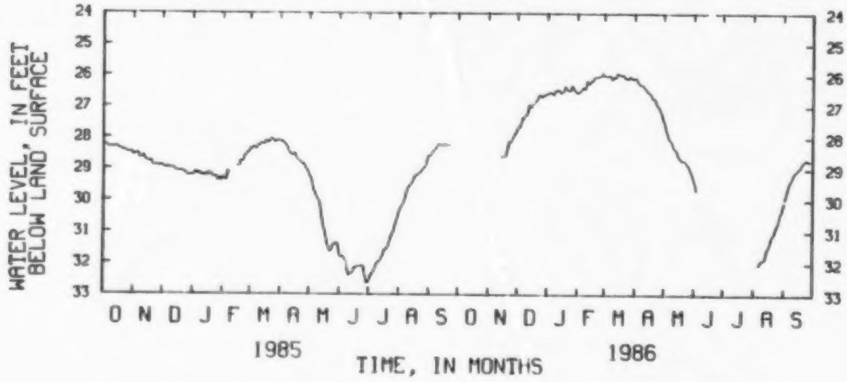
HAMPTON COUNTY

325005081122800. Local number, HAM-82.
LOCATION.--Lat 32°50'05'', long 81°12'28'', Hydrologic Unit 03050208, at the intersection of State Hwy. 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.80 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--February 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 25.43 below land-surface datum, Apr. 24, 1983; lowest, 32.65 ft below land-surface datum June 29, 1985 (lowest may have been exceeded during period of missing record Jun. 4, to Aug. 5, 1986).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	27.71	26.59	26.55	25.99	26.08	27.48	29.41		---	30.08
2		---	27.63	26.55	26.54	26.01	26.06	27.59	29.52		---	29.98
3		---	27.66	26.54	26.50	26.00	26.11	27.75	29.68		---	29.85
4		---	27.62	26.52	26.49	25.99	26.19	27.83	---		---	29.75
5		---	27.50	26.35	26.45	26.01	26.23	27.95	---		---	29.60
6		---	27.37	26.55	26.39	25.98	26.27	28.02	---		32.04	29.49
7		---	27.39	26.62	26.37	26.00	26.29	28.07	---		31.97	29.42
8		---	27.32	26.57	26.41	26.10	26.29	28.10	---		31.93	29.36
9		---	27.29	26.46	26.43	26.11	26.28	28.15	---		31.88	29.30
10		---	27.28	26.49	26.29	26.06	26.34	28.28	---		31.87	29.23
11		---	27.22	26.45	26.16	26.02	26.37	28.33	---		31.86	29.16
12		---	27.12	26.45	26.22	26.04	26.42	28.36	---		31.85	29.09
13		---	26.95	26.46	26.26	26.03	26.45	28.37	---		31.79	29.07
14		28.61	26.97	26.54	26.21	25.92	26.51	28.45	---		31.61	29.05
15		28.61	27.01	26.55	26.15	25.94	26.53	28.56	---		31.53	29.01
16		28.60	26.95	26.53	26.18	25.94	26.54	28.62	---		31.48	28.97
17		28.59	26.91	26.51	26.13	25.97	26.58	28.65	---		31.41	28.95
18		28.59	26.89	26.47	26.06	25.99	26.64	28.69	---		31.32	28.92
19		28.57	26.88	26.34	26.04	25.96	26.73	28.72	---		31.17	28.85
20		28.43	26.81	26.37	26.03	25.97	26.73	28.71	---		31.11	28.80
21		28.32	26.79	26.45	26.04	26.01	26.71	28.71	---		31.06	28.76
22		28.13	26.72	26.46	26.03	26.06	26.79	28.73	---		31.01	28.73
23		28.15	26.65	26.46	26.02	26.07	26.90	28.78	---		30.91	28.70
24		28.13	26.60	26.49	26.00	26.07	26.96	28.82	---		30.81	28.68
25		28.10	26.66	26.45	26.00	26.11	26.98	28.86	---		30.76	28.70
26		28.04	26.68	26.32	25.98	26.07	27.03	28.90	---		30.70	28.73
27		27.96	26.67	26.33	25.91	26.02	27.13	28.98	---		30.58	28.73
28		27.89	26.61	26.45	25.97	26.03	27.19	29.05	---		30.44	28.72
29		27.85	26.63	26.44	---	26.08	27.30	29.13	---		30.39	28.73
30		27.79	26.60	26.50	---	26.09	27.42	29.20	---		30.32	28.74
31		---	26.57	26.54	---	26.09	---	29.32	---		30.19	---
MEAN		---	27.02	26.48	26.21	26.02	26.60	28.49	---		---	29.10
MAX		---	27.71	26.62	26.55	26.11	27.42	29.32	---		---	30.08
MIN		---	26.57	26.32	25.91	25.92	26.06	27.48	---		---	28.68

HYDROGRAPH



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HAMPTON COUNTY

324143080505900. Local number, HAM-83.

LOCATION.--Lat 32°41'43", long 80°50'59", Hydrologic Unit 03050208, northwest of Ebenezer Methodist Church, 170 ft northeast and 80 ft northwest of intersection of State Road 44 and State Road 10, 0.4 mi northwest of the intersection of State Road 44 and U.S. Hwy. 17A-21 in Yemassee.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Ocala Limestone (Revised).

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 190 ft, cased to 85.5 ft, open hole from 85.5 to 190 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

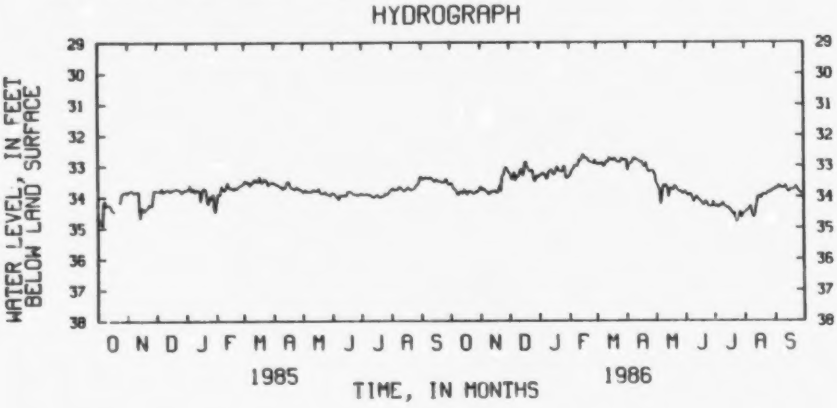
PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 36.48 ft below land-surface datum, Jan. 4, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.56	33.68	33.24	33.31	33.32	32.92	32.82	33.52	33.88	34.31	34.49	33.77
2	33.57	33.76	33.26	33.31	33.25	32.97	33.15	33.59	33.90	34.26	34.48	33.72
3	33.65	33.77	33.41	33.27	33.17	32.92	32.93	33.64	33.97	34.29	34.43	33.71
4	33.74	33.73	33.46	33.25	33.12	32.92	32.93	33.74	33.94	34.34	34.43	33.74
5	33.76	33.77	33.32	33.23	33.09	32.94	32.92	33.79	33.91	34.31	34.39	33.65
6	33.76	33.81	33.22	33.30	32.99	32.90	32.91	34.23	33.92	34.26	34.34	33.65
7	33.83	33.82	33.48	33.29	32.98	32.92	32.85	34.09	34.01	34.30	34.30	33.70
8	33.90	33.86	33.36	33.42	33.00	33.02	32.77	33.73	34.07	34.26	34.47	33.72
9	33.95	33.92	33.35	33.41	33.02	33.00	32.74	33.63	34.16	34.18	34.60	33.72
10	33.86	33.86	33.36	33.22	32.91	32.93	32.79	33.69	34.04	34.26	34.66	33.71
11	33.84	33.89	33.28	33.19	32.80	32.85	32.77	33.63	34.05	34.30	34.60	33.73
12	33.84	33.82	33.19	33.18	32.83	32.87	32.81	33.65	33.98	34.30	34.37	33.64
13	33.89	33.83	33.11	33.12	32.79	32.86	32.82	33.74	34.06	34.35	34.26	33.72
14	33.86	33.81	33.18	33.17	32.69	32.73	32.86	34.00	34.09	34.35	34.01	33.80
15	33.76	33.81	33.33	33.28	32.63	32.76	32.87	33.84	34.10	34.34	33.99	33.84
16	33.81	33.79	33.17	33.29	32.73	32.78	32.85	33.72	34.15	34.41	34.04	33.82
17	33.88	33.85	32.89	33.22	32.74	32.82	32.91	33.75	34.19	34.41	33.97	33.78
18	33.93	33.88	32.87	33.13	32.74	32.83	32.97	33.77	34.18	34.50	34.05	33.76
19	33.83	33.85	33.01	33.03	32.75	32.75	33.03	33.78	34.27	34.50	33.96	33.77
20	33.83	33.76	33.07	33.09	32.82	32.76	32.99	33.66	34.21	34.57	33.92	33.76
21	33.82	33.64	33.13	33.17	32.85	32.83	32.89	33.66	34.15	34.51	33.92	33.75
22	33.82	33.82	33.19	33.17	32.87	32.87	33.07	33.70	34.16	34.68	33.93	33.72
23	33.84	33.39	33.15	33.17	32.89	32.87	33.16	33.78	34.21	34.80	33.94	33.67
24	33.89	33.32	33.14	33.20	32.88	32.87	33.20	33.81	34.30	34.77	33.89	33.74
25	33.89	33.27	33.18	33.13	32.89	32.89	33.18	33.84	34.30	34.69	33.84	33.80
26	33.87	33.11	33.42	33.00	32.93	32.83	33.16	33.82	34.29	34.61	33.88	33.81
27	33.83	33.05	33.51	33.05	32.80	32.74	33.16	33.83	34.31	34.49	33.86	33.87
28	33.86	33.07	33.46	33.38	32.90	32.80	33.16	33.89	34.30	34.67	33.81	33.88
29	33.81	33.16	33.33	33.40	---	32.83	33.23	33.90	34.16	34.63	33.84	33.91
30	33.81	33.20	33.37	33.37	---	32.81	33.28	33.86	34.23	34.53	33.77	33.89
31	33.74	---	33.34	33.36	---	32.80	---	33.82	---	34.52	33.78	---
MEAN	33.81	33.64	33.25	33.23	32.91	32.86	32.97	33.78	34.12	34.44	34.14	33.76
MAX	33.95	33.92	33.51	33.42	33.32	33.02	33.28	34.23	34.31	34.80	34.66	33.91
MIN	33.56	33.05	32.87	33.00	32.63	32.73	32.74	33.52	33.88	34.18	33.77	33.64

CAL YR 1985	MEAN	33.70	MAX	34.48	MIN	32.87
WTR YR 1986	MEAN	33.58	MAX	34.80	MIN	32.63



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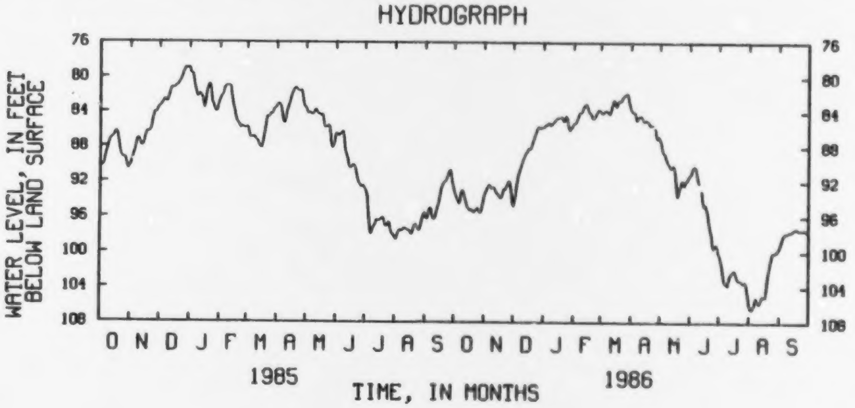
334747078435400. Local number, HO-269.
LOCATION.--Lat 33°47'47", long 78°43'54", Hydrologic Unit 03040207, Windy Hill Park.
Owner: City of North Myrtle Beach.
AQUIFER.--Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 416 ft, screens located at unknown intervals below 201 ft. 1982 geophysical logs, date source.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.
REMARKS.--Previously published as HO-433. Aug, 1982 geophysical logs available in District Files.
PERIOD OF RECORD.--June 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 106.47 ft below land-surface datum, Aug. 4, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.10	93.61	94.82	85.78	85.30	83.87	83.63	87.17	91.19	100.26	105.96	99.44
2	93.48	93.22	94.18	85.66	85.26	84.06	83.88	87.43	91.08	100.58	106.18	99.15
3	93.78	93.10	93.49	85.48	85.17	84.10	83.95	88.13	90.78	101.09	106.43	98.77
4	94.04	92.74	92.65	85.49	84.98	84.02	83.93	88.60	90.37	101.54	106.47	98.38
5	94.27	92.54	91.94	85.38	84.76	83.86	84.03	88.68	90.23	102.31	106.11	98.13
6	94.55	92.40	91.34	85.25	84.41	83.80	84.60	88.81	90.24	103.07	106.05	97.94
7	94.14	92.49	90.98	85.23	84.08	83.80	84.91	89.18	90.39	103.41	105.58	97.83
8	93.33	92.77	90.56	85.48	84.00	83.93	84.69	89.53	91.06	103.44	105.16	97.81
9	93.02	92.74	90.20	85.45	83.98	84.07	84.49	89.80	91.75	103.60	105.45	97.78
10	93.11	92.65	89.85	85.35	83.82	84.19	84.49	89.97	92.06	103.75	105.66	97.72
11	93.54	92.67	89.46	85.19	83.47	83.90	84.39	90.17	92.39	103.23	105.79	97.68
12	94.02	92.92	89.21	85.04	83.30	83.49	84.53	90.39	92.71	102.68	105.76	97.63
13	94.42	93.18	88.89	84.89	83.09	83.06	84.78	90.38	93.15	102.48	105.44	97.61
14	94.87	93.34	88.69	84.79	83.02	82.65	85.01	90.12	94.14	102.37	105.13	97.54
15	95.02	93.46	88.57	84.66	83.27	82.57	85.03	90.16	94.80	102.19	104.94	97.45
16	95.17	93.61	88.30	84.62	83.71	83.10	84.92	90.47	94.80	102.12	105.03	97.37
17	95.30	93.80	88.17	84.61	83.96	83.35	84.98	91.29	94.63	102.04	105.04	97.29
18	95.20	93.89	88.25	84.62	84.06	83.06	85.08	92.82	95.10	102.30	105.03	97.23
19	95.22	93.74	88.15	84.55	84.22	82.72	85.09	93.67	95.59	102.75	104.15	97.28
20	95.41	93.32	87.76	84.56	84.52	82.63	85.36	93.39	96.23	103.00	103.04	97.38
21	95.50	92.86	87.44	84.94	84.74	82.72	85.55	92.77	96.97	103.12	102.26	97.46
22	95.43	92.92	87.07	85.07	84.67	82.64	85.48	92.48	97.48	103.11	101.68	97.45
23	95.26	92.78	86.71	84.77	84.55	82.32	85.47	92.06	97.94	103.21	100.99	97.40
24	95.09	92.50	86.40	84.44	84.23	82.15	85.43	91.83	98.93	103.26	100.47	97.45
25	95.04	92.29	86.08	84.61	84.01	82.03	85.45	92.21	99.53	103.38	100.08	97.47
26	95.30	91.98	85.82	85.26	83.83	81.96	85.76	92.41	99.48	103.50	100.03	97.39
27	95.51	91.95	85.73	85.82	83.70	81.86	86.63	92.08	99.27	103.38	99.99	97.37
28	95.56	92.61	85.87	86.07	83.76	81.81	87.03	91.78	99.10	103.32	99.95	97.45
29	95.27	93.46	85.84	85.85	---	82.09	86.80	91.84	99.40	103.61	99.92	97.54
30	94.75	94.48	85.78	85.77	---	82.73	86.88	91.53	99.99	104.30	99.77	97.68
31	94.24	---	85.77	85.54	---	83.20	---	91.30	---	105.13	99.59	---
MEAN	94.58	93.00	88.84	85.17	84.14	83.09	85.07	90.72	94.69	102.82	103.65	97.74
MAX	95.56	94.48	94.82	86.07	85.30	84.19	87.03	93.67	99.99	105.13	106.47	99.44
MIN	93.02	91.95	85.73	84.44	83.02	81.81	83.63	87.17	90.23	100.26	99.59	97.23

CAL YR 1985	MEAN	89.47	MAX	98.55	MIN	79.08
WTR YR 1986	MEAN	92.02	MAX	106.47	MIN	81.81



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HORRY COUNTY

335115079033500. Local number, HO-307.

LOCATION.--Lat 33°50'58", long 79°03'27", Hydrologic Unit 03040206, 0.75 mi northeast from Intersection 701 and 501, at Collins Park in Conway.
Owner: City of Conway.

AQUIFER.--Sands of Pee Dee and Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 438 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.

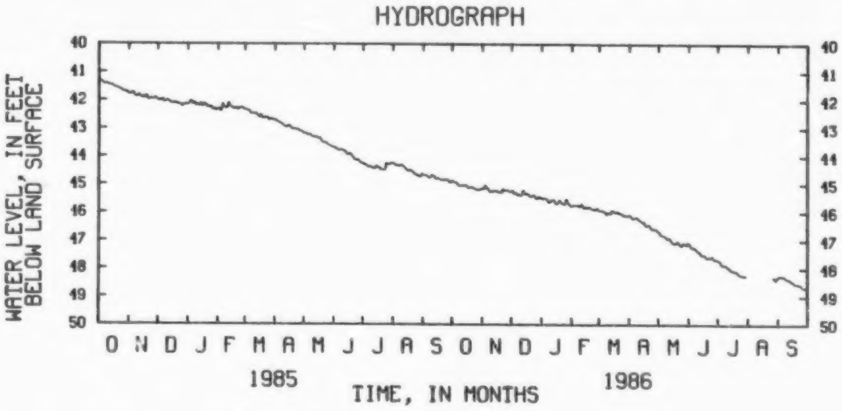
PERIOD OF RECORD.--May 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 48.68 ft below land-surface datum, Sept. 28-30, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.88	45.14	45.24	45.49	45.78	45.92	46.11	46.67	47.10	47.70	---	48.28
2	44.90	45.15	45.22	45.52	45.75	45.94	46.11	46.69	47.13	47.71	---	48.25
3	44.93	45.16	45.31	45.49	45.74	45.93	46.16	46.77	47.20	47.73	---	48.25
4	44.95	45.05	45.33	45.51	45.75	45.94	46.21	46.80	47.23	47.81	---	48.26
5	44.94	45.08	45.31	45.49	45.75	45.96	46.21	46.81	47.25	47.85	---	48.26
6	44.98	45.14	45.30	45.53	45.75	45.95	46.21	46.82	47.25	47.87	---	48.26
7	45.02	45.17	45.37	45.55	45.75	45.98	46.19	46.83	47.26	47.87	---	48.28
8	45.05	45.23	45.36	45.64	45.78	46.06	46.17	46.85	47.29	47.87	---	48.30
9	45.06	45.27	45.37	45.63	45.79	46.06	46.18	46.88	47.33	47.88	---	48.34
10	45.05	45.25	45.40	45.57	45.75	46.03	46.23	46.93	47.38	47.93	---	48.36
11	45.04	45.26	45.39	45.58	45.69	46.00	46.25	46.91	47.38	47.94	---	48.37
12	45.06	45.25	45.36	45.57	45.78	46.04	46.27	46.90	47.40	47.96	---	48.37
13	45.05	45.23	45.22	45.54	45.83	46.03	46.30	46.94	47.46	48.00	---	48.40
14	45.04	45.23	45.29	45.58	45.82	45.93	46.34	46.99	47.50	48.03	---	48.44
15	45.04	45.25	45.35	45.66	45.80	45.95	46.34	47.05	47.52	48.05	---	48.45
16	45.07	45.25	45.33	45.69	45.84	45.96	46.33	47.08	47.51	48.07	---	48.45
17	45.11	45.26	45.33	45.68	45.83	45.99	46.40	47.08	47.51	48.07	---	48.50
18	45.13	45.28	45.35	45.65	45.80	46.01	46.45	47.10	47.55	48.10	---	48.53
19	45.11	45.29	45.41	45.57	45.81	45.97	46.47	47.10	47.60	48.10	---	48.53
20	45.10	45.30	45.41	45.59	45.84	45.97	46.45	47.03	47.62	48.10	---	48.54
21	45.10	45.30	45.43	45.65	45.87	46.01	46.43	47.04	47.58	48.13	---	48.55
22	45.12	45.18	45.43	45.67	45.88	46.04	46.46	47.08	47.60	48.17	---	48.56
23	45.14	45.21	45.39	45.69	45.89	46.04	46.53	47.14	47.60	48.20	---	48.56
24	45.16	45.22	45.38	45.72	45.89	46.04	46.58	47.17	47.60	48.22	---	48.58
25	45.17	45.22	45.42	45.68	45.90	46.09	46.57	47.17	47.56	48.24	---	48.63
26	45.20	45.21	45.50	45.54	45.90	46.11	46.58	47.09	47.63	48.24	---	48.66
27	45.20	45.22	45.49	45.57	45.84	46.09	46.60	47.09	47.66	48.25	48.31	48.67
28	45.19	45.24	45.47	45.69	45.90	46.12	46.59	47.11	47.66	48.25	48.33	48.68
29	45.21	45.26	45.43	45.69	---	46.12	46.60	47.14	47.67	48.25	48.39	48.68
30	45.18	45.26	45.46	45.74	---	46.11	46.65	47.15	47.69	48.26	48.36	48.68
31	45.17	---	45.47	45.77	---	46.11	---	47.07	---	---	48.30	---
MEAN	45.08	45.22	45.37	45.61	45.81	46.02	46.37	46.98	47.46	---	---	48.46
MAX	45.21	45.30	45.50	45.77	45.90	46.12	46.65	47.17	47.69	---	---	48.68
MIN	44.88	45.05	45.22	45.49	45.69	45.92	46.11	46.67	47.10	---	---	48.25

CAL YR 1985 MEAN 43.89 MAX 45.50 MIN 42.03



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JASPER COUNTY

323111080592000. Local number, JAS-144.

LOCATION.--Lat 32°31'11'', long 80°59'20'', Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Hwy. 17.
Owner: Ted Roach

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.6 ft above land-surface datum.

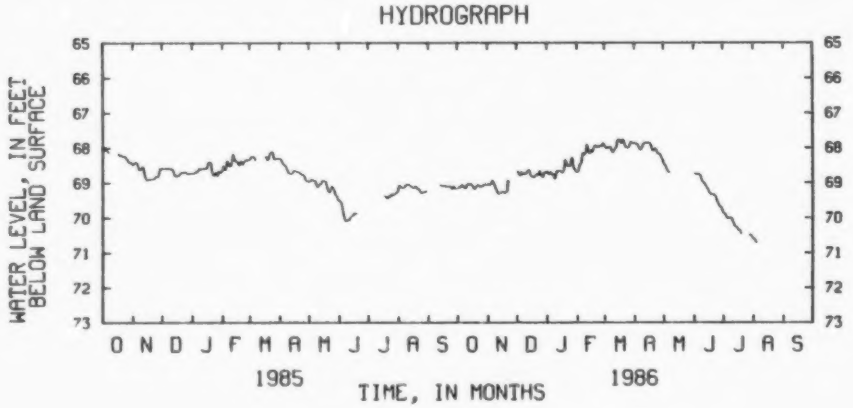
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 64.78 ft below land-surface datum, Apr 15, 1975; lowest recorded, 70.71 ft below land-surface datum, August 4-5, 1986 (lowest may have been exceeded during periods of missing record Aug. 6 to Sept. 30, 1986.).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69.17	69.05	---	68.67	68.69	67.94	67.87	68.47	---	69.85	70.60	
2	69.15	69.05	68.68	68.73	68.67	68.01	67.89	68.49	68.74	69.88	70.60	
3	69.13	69.05	68.75	68.75	68.56	68.01	67.89	68.54	68.75	69.88	70.64	
4	69.13	69.05	68.79	68.76	68.47	67.99	67.92	68.61	68.76	69.94	70.71	
5	69.09	68.98	68.76	68.69	68.45	67.99	67.98	68.68	68.76	70.00	70.71	
6	69.07	68.94	68.69	68.75	68.27	67.98	68.05	68.69	68.76	70.00	---	
7	69.11	68.98	68.76	68.74	68.16	67.97	68.06	68.70	68.77	70.00	---	
8	69.15	69.07	68.75	68.82	68.19	68.07	68.03	---	68.83	70.00	---	
9	69.16	69.16	68.74	68.89	68.19	68.13	67.94	---	68.91	70.00	---	
10	69.14	69.21	68.75	68.78	68.11	68.12	67.89	---	68.98	70.02	---	
11	69.05	69.30	68.71	68.67	67.91	68.07	67.87	---	69.00	70.09	---	
12	69.04	69.32	68.67	68.67	68.05	68.00	67.86	---	69.03	70.14	---	
13	69.04	69.30	68.64	68.65	68.16	67.99	67.86	---	69.08	70.23	---	
14	69.04	69.29	68.66	68.65	68.16	67.81	67.86	---	69.12	70.26	---	
15	69.04	69.28	68.79	68.67	68.07	67.77	67.86	---	69.17	70.26	---	
16	69.06	69.27	68.81	68.71	68.13	67.77	67.86	---	69.23	70.30	---	
17	69.14	69.27	68.83	68.71	68.09	67.81	67.91	---	69.30	70.35	---	
18	69.18	69.29	68.84	68.67	67.99	67.87	67.95	---	69.33	70.35	---	
19	69.17	69.29	68.84	68.52	67.95	67.80	68.07	---	69.34	70.39	---	
20	69.12	69.26	68.80	68.35	67.94	67.77	68.09	---	69.35	70.47	---	
21	69.09	69.26	68.76	68.46	67.98	67.84	68.06	---	69.35	---	70.01	
22	69.08	68.94	68.79	68.51	67.97	67.95	68.02	---	69.36	---	---	
23	69.10	---	68.77	68.50	67.96	67.99	68.06	---	69.39	---	---	
24	69.11	---	68.69	68.53	67.96	67.98	68.14	---	69.46	---	---	
25	69.10	---	68.67	68.50	67.94	68.00	68.17	---	69.54	---	---	
26	69.11	---	68.80	68.33	67.96	67.98	68.17	---	69.60	---	---	
27	69.11	---	68.84	68.29	67.88	67.90	68.19	---	69.67	---	---	
28	69.06	---	68.83	68.55	67.89	67.84	68.26	---	69.68	---	---	
29	69.05	---	68.71	68.61	---	67.86	68.32	---	69.71	70.49	---	
30	69.05	---	68.72	68.64	---	67.87	68.37	---	69.76	70.50	---	
31	69.05	---	68.71	68.69	---	67.87	---	---	---	70.55	---	
MEAN	69.10	---	---	68.63	68.13	67.93	68.02	---	---	---	---	
MAX	69.18	---	---	68.89	68.69	68.13	68.37	---	---	---	---	
MIN	69.04	---	---	68.29	67.88	67.77	67.86	---	---	---	---	



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LEE COUNTY

341405080110100. Local number, LE-23.

LOCATION.--Lat 34°14'05", long 80°11'01", Hydrologic Unit 03040202, 395 ft east and 450 ft north of the cemetery near Wayside Church and SC-31-22 near Bishopville.
Owner: Robert W. Merck.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 350 ft, cased to 350 ft. Screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3 ft above land-surface datum.

REMARKS.-June 3, 1977, Gamma logged to 350 ft. April, 1980, Gamma logged to 338 ft. Pump test data available in District files. Water-level affected by near by irrigation well.

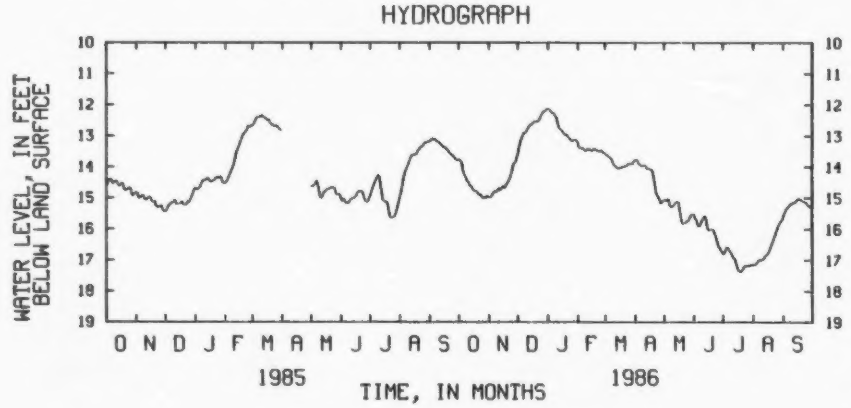
PERIOD OF RECORD.--June 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.32 ft below land-surface datum, Apr. 26, 1983; lowest, 17.37 ft below land-surface datum, June 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.78	14.99	13.58	12.13	13.22	13.57	13.77	15.07	15.54	16.80	17.14	15.61
2	13.78	14.98	13.41	12.13	13.36	13.60	13.78	15.07	15.66	16.77	17.14	15.52
3	13.81	14.97	13.27	12.17	13.39	13.62	13.77	15.10	15.68	16.71	17.13	15.44
4	13.87	14.92	13.15	12.21	13.39	13.64	13.85	15.06	15.74	16.62	17.10	15.38
5	14.07	14.87	13.06	12.24	13.39	13.67	13.90	15.04	15.88	16.59	17.06	15.33
6	14.18	14.82	12.99	12.26	13.41	13.69	13.91	15.10	15.91	16.62	17.02	15.30
7	14.29	14.80	12.91	12.28	13.44	13.72	13.97	15.24	15.89	16.69	17.00	15.26
8	14.33	14.82	12.90	12.32	13.46	13.76	13.97	15.28	15.82	16.72	16.99	15.22
9	14.41	14.80	12.89	12.38	13.47	13.85	13.95	15.27	15.75	16.77	16.98	15.19
10	14.47	14.75	12.82	12.43	13.45	13.91	13.95	15.27	15.69	16.83	16.98	15.18
11	14.50	14.70	12.77	12.58	13.42	13.96	13.96	15.24	15.64	16.91	16.97	15.16
12	14.59	14.76	12.72	12.71	13.41	13.98	13.97	15.19	15.59	16.94	16.92	15.14
13	14.63	14.74	12.68	12.76	13.43	14.02	14.05	15.14	15.62	16.98	16.87	15.14
14	14.64	14.70	12.64	12.78	13.45	14.05	14.06	15.14	15.79	17.09	16.84	15.11
15	14.72	14.66	12.63	12.82	13.47	14.05	14.06	15.14	15.98	17.19	16.82	15.08
16	14.77	14.63	12.60	12.86	13.46	14.04	14.07	15.15	16.03	17.31	16.78	15.04
17	14.78	14.70	12.57	12.91	13.43	14.01	14.08	15.37	16.02	17.33	16.73	15.03
18	14.79	14.64	12.55	12.95	13.40	14.02	14.10	15.53	16.01	17.36	16.65	15.03
19	14.80	14.58	12.54	12.97	13.43	14.00	14.14	15.72	16.01	17.36	16.56	15.05
20	14.82	14.54	12.54	12.95	13.46	13.99	14.31	15.81	16.02	17.33	16.49	15.07
21	14.88	14.48	12.54	12.99	13.47	13.98	14.52	15.82	16.03	17.28	16.41	15.09
22	14.90	14.42	12.53	13.04	13.49	13.98	14.71	15.81	16.11	17.22	16.32	15.11
23	14.90	14.35	12.48	13.07	13.49	13.96	14.88	15.80	16.19	17.19	16.23	15.12
24	14.93	14.26	12.42	13.11	13.48	13.94	14.92	15.78	16.30	17.18	16.14	15.13
25	14.99	14.13	12.35	13.15	13.46	13.90	14.99	15.74	16.42	17.18	16.05	15.16
26	15.01	13.99	12.29	13.16	13.50	13.89	15.03	15.74	16.55	17.18	15.96	15.20
27	14.98	13.88	12.24	13.14	13.53	13.91	15.15	15.69	16.59	17.18	15.89	15.24
28	15.00	13.86	12.21	13.12	13.54	13.90	15.16	15.61	16.63	17.17	15.83	15.25
29	14.97	13.81	12.20	13.13	---	13.90	15.11	15.56	16.70	17.15	15.78	15.26
30	14.94	13.70	12.17	13.14	---	13.86	15.09	15.54	16.76	17.14	15.74	15.31
31	14.98	---	12.14	13.17	---	13.80	---	15.52	---	17.14	15.70	---
MEAN	14.60	14.54	12.67	12.74	13.44	13.88	14.31	15.40	16.02	17.03	16.59	15.20
MAX	15.01	14.99	13.58	13.17	13.54	14.05	15.16	15.82	16.76	17.36	17.14	15.61
MIN	13.78	13.70	12.14	12.13	13.22	13.57	13.77	15.04	15.54	16.59	15.70	15.03

WTR YR 1986 MEAN 14.71 MAX 17.36 MIN 12.13



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MARION COUNTY

335143079195000. Local number, MN-77.

LOCATION.--Lat 33°51'43", long 79°19'50", Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway.
Owner: U.S. Geological Survey; on property owned by South Carolina Forestry Commission.

AQUIFER.--Sands of the Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, from surface to 322 ft, 3 in, from 322 to 356 ft, depth 356 ft, screened intervals 325-335, 345-355 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.15 ft above land-surface datum.

REMARKS.--Record estimated May 31, 1984. Water-quality data available in District files.

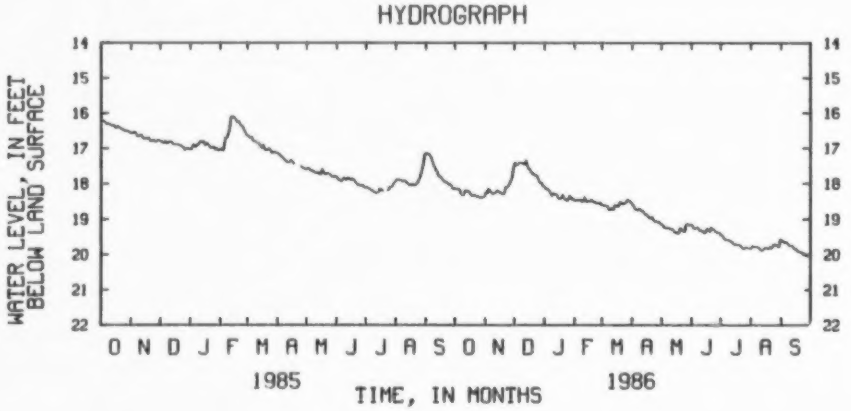
PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 10.86 ft below land-surface datum, Mar. 28, 1983; lowest, 20.05 ft below land-surface datum, Sept. 30, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.14	18.30	17.47	18.10	18.48	18.59	18.58	19.14	19.16	19.44	19.83	19.58
2	18.15	18.25	17.42	18.14	18.46	18.61	18.60	19.15	19.18	19.45	19.76	19.61
3	18.15	18.27	17.47	18.14	18.45	18.60	18.67	19.20	19.24	19.47	19.78	19.63
4	18.16	18.15	17.48	18.16	18.46	18.61	18.71	19.23	19.26	19.53	19.78	19.65
5	18.16	18.17	17.44	18.17	18.46	18.63	10.73	19.24	19.26	19.56	19.78	19.65
6	18.22	18.21	17.41	18.22	18.46	18.62	18.74	19.24	19.24	19.57	19.78	19.64
7	18.28	18.23	17.43	18.25	18.46	18.65	18.73	19.24	19.23	19.58	19.78	19.67
8	18.32	18.28	17.41	18.33	18.50	18.73	18.71	19.23	19.26	19.58	19.79	19.70
9	18.33	18.29	17.41	18.32	18.51	18.73	18.72	19.25	19.30	19.58	19.81	19.74
10	18.30	18.26	17.44	18.27	18.48	18.71	18.76	19.28	19.32	19.61	19.85	19.75
11	18.20	18.26	17.45	18.29	18.39	18.68	18.76	19.27	19.31	19.62	19.87	19.75
12	18.21	18.24	17.46	18.30	18.47	18.72	18.79	19.27	19.32	19.63	19.89	19.74
13	18.21	18.20	17.35	18.29	18.51	18.72	18.81	19.30	19.35	19.66	19.87	19.78
14	18.21	18.21	17.45	18.33	18.49	18.61	18.86	19.33	19.38	19.70	19.83	19.82
15	18.23	18.23	17.55	18.40	18.47	18.62	18.87	19.37	19.39	19.71	19.82	19.84
16	18.27	18.24	17.57	18.43	18.50	18.62	18.86	19.38	19.34	19.72	19.81	19.84
17	18.31	18.26	17.61	18.42	18.48	18.64	18.90	19.38	19.27	19.71	19.81	19.88
18	18.33	18.28	17.66	18.39	18.46	18.63	18.94	19.39	19.30	19.72	19.83	19.90
19	18.32	18.29	17.72	18.32	18.47	18.55	18.97	19.40	19.34	19.72	19.83	19.91
20	18.32	18.28	17.72	18.36	18.51	18.51	18.95	19.26	19.34	19.73	19.79	19.92
21	18.33	18.24	17.75	18.42	18.52	18.54	18.93	19.26	19.23	19.75	19.81	19.93
22	18.34	18.10	17.77	18.44	18.53	18.57	18.97	19.29	19.27	19.79	19.81	19.94
23	18.36	18.09	17.76	18.46	18.54	18.56	19.03	19.32	19.28	19.81	19.78	19.95
24	18.37	18.08	17.77	18.48	18.54	18.55	19.06	19.34	19.29	19.83	19.72	19.96
25	18.36	18.05	17.84	18.45	18.55	18.55	19.05	19.35	19.32	19.84	19.72	19.99
26	18.39	18.00	17.93	18.36	18.55	18.50	19.06	19.18	19.36	19.80	19.72	20.02
27	18.39	17.94	17.95	18.35	18.52	18.46	19.07	19.14	19.37	19.80	19.72	20.03
28	18.38	17.88	17.98	18.43	18.58	18.47	19.07	19.14	19.37	19.82	19.73	20.04
29	18.40	17.78	17.98	18.41	---	18.49	19.09	19.16	19.38	19.82	19.79	20.04
30	18.37	17.59	18.05	18.44	---	18.51	19.13	19.16	19.40	19.82	19.75	20.05
31	18.37	---	18.07	18.46	---	18.54	---	19.14	---	19.84	19.57	---
MEAN	18.29	18.15	17.64	18.33	18.49	18.60	18.87	19.26	19.30	19.68	19.79	19.83
MAX	18.40	18.30	18.07	18.48	18.58	18.73	19.13	19.40	19.40	19.84	19.89	20.05
MIN	18.14	17.59	17.35	18.10	18.39	18.46	18.58	19.14	19.16	19.44	19.57	19.58

WTR YR 1986 MEAN 18.85 MAX 20.05 MIN 17.35



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MARLBORO COUNTY

342935079431000. Local number, MLB-110.

LOCATION.--Lat 34°29'35", long 79°43'10", Hydrologic Unit 03040201, 154 ft north of S-35-264 and 150 ft east of S-35-57, south of railroad tracks at Oak River Mills in Bennettsville.
Owner: Oak River Mills.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

REMARKS.--1957 water-quality data on file in District office.

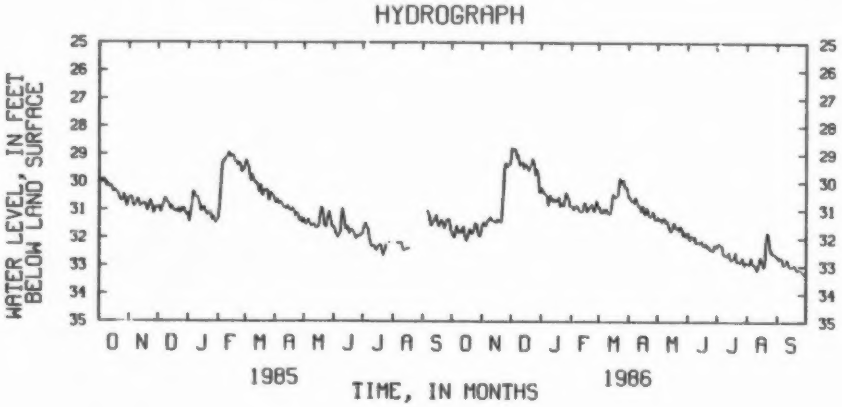
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 33.27 ft below land-surface datum, Sept. 29, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.81	31.58	29.15	30.19	30.86	30.85	30.55	31.24	31.78	32.30	32.90	32.64
2	31.91	31.52	28.78	30.38	30.86	30.90	30.52	31.34	32.03	32.20	32.89	32.71
3	31.99	31.44	28.87	30.30	30.99	31.07	30.63	31.30	32.06	32.20	32.94	32.77
4	32.00	31.56	28.87	30.40	30.94	31.09	30.69	31.33	31.92	32.24	32.84	32.68
5	31.74	31.59	28.81	30.42	30.88	31.08	30.66	31.43	31.95	32.27	32.70	32.70
6	31.57	31.45	28.87	30.46	30.85	30.96	30.65	31.34	31.95	32.28	32.86	32.72
7	31.72	31.37	29.14	30.54	30.85	31.02	30.75	31.26	32.02	32.53	32.94	32.93
8	31.83	31.38	29.02	30.84	30.35	31.09	30.53	31.27	31.95	32.60	32.94	32.95
9	31.74	31.27	29.20	30.64	31.01	30.95	30.63	31.44	32.18	32.57	32.96	32.87
10	31.78	31.26	29.42	30.47	31.05	31.07	30.73	31.39	32.14	32.63	33.02	32.87
11	31.83	31.37	29.37	30.61	31.04	31.08	30.85	31.38	32.13	32.60	33.15	32.76
12	31.65	31.38	29.35	30.58	31.06	31.15	30.88	31.57	32.18	32.64	33.05	32.81
13	31.60	31.39	29.28	30.69	30.97	31.14	30.83	31.64	32.15	32.51	32.93	32.95
14	31.82	31.42	29.53	30.62	30.75	30.92	31.05	31.75	32.16	32.72	32.74	33.00
15	31.99	31.42	29.46	30.71	30.74	30.68	30.91	31.71	32.10	32.77	32.67	33.02
16	32.13	31.45	29.36	30.62	30.88	30.42	30.86	31.64	32.25	32.75	32.82	33.01
17	32.02	31.33	29.42	30.63	31.06	30.48	31.08	31.46	32.27	32.73	32.92	32.99
18	31.92	31.36	29.48	30.67	30.99	30.55	31.16	31.45	32.28	32.69	33.03	32.97
19	31.71	31.41	29.59	30.53	30.90	30.52	31.02	31.63	32.19	32.68	32.97	32.96
20	31.70	31.43	29.48	30.86	30.91	30.50	30.92	31.63	32.26	32.51	32.46	33.02
21	31.85	31.44	29.42	30.83	30.85	30.47	31.03	31.60	32.33	32.82	32.07	33.11
22	31.87	30.87	29.37	30.73	30.80	30.12	31.19	31.60	32.28	32.85	31.80	33.14
23	31.80	30.31	29.17	30.84	30.92	29.85	31.23	31.74	32.40	32.81	31.86	33.11
24	31.68	29.65	29.25	30.84	31.04	29.96	31.21	31.58	32.41	32.85	32.16	33.10
25	31.48	29.36	29.47	30.66	31.01	30.07	31.15	31.61	32.40	32.85	32.49	33.12
26	31.58	29.32	29.76	30.38	30.80	29.94	31.05	31.69	32.44	32.77	32.42	33.15
27	31.52	29.46	29.53	30.39	30.66	29.91	31.11	31.89	32.44	32.69	32.55	33.20
28	31.83	29.38	29.62	30.57	30.90	30.21	31.33	31.78	32.28	32.83	32.55	33.21
29	31.95	29.37	29.83	30.55	---	30.17	31.33	31.82	32.25	32.98	32.56	33.27
30	31.94	29.39	30.39	30.84	---	30.17	31.28	31.94	32.33	32.86	32.57	33.26
31	31.80	---	30.29	30.88	---	30.34	---	31.88	---	32.87	32.64	---
MEAN	31.80	30.90	29.37	30.60	30.91	30.60	30.93	31.56	32.18	32.63	32.69	32.97
MAX	32.13	31.59	30.39	30.88	31.06	31.15	31.33	31.94	32.44	32.98	33.15	33.27
MIN	31.48	29.32	28.78	30.19	30.66	29.85	30.52	31.24	31.78	32.20	31.80	32.64

WTR YR 1986 MEAN 31.43 MAX 33.27 MIN 28.78



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MARLBORO COUNTY

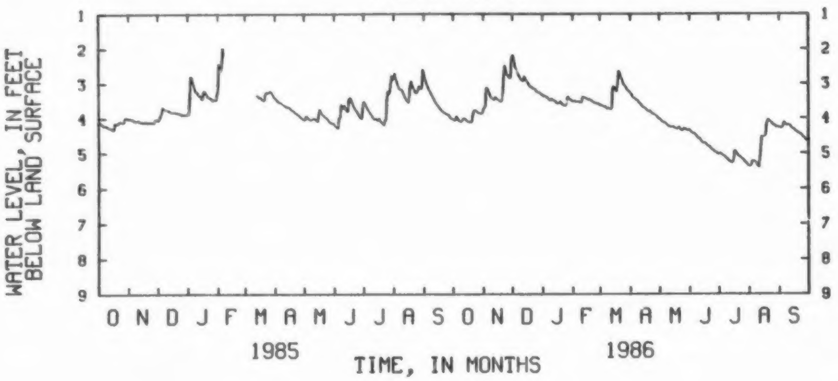
343719079411500. Local number, MLB-112.
LOCATION.--Lat 34°37'35", long 79°41'22", Hydrologic Unit 03040201, National Guard Armory in Bennettsville.
Owner: Town of Bennettsville.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 135 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.
REMARKS.--1971 Gamma and Caliper logged to 297 ft.
PERIOD OF RECORD.--January 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.40 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.04	3.74	2.19	3.35	3.51	3.62	3.28	4.03	4.36	5.02	5.37	4.26
2	4.06	3.69	2.27	3.37	3.51	3.64	3.31	4.06	4.39	5.00	5.37	4.28
3	4.06	3.67	2.46	3.36	3.51	3.64	3.38	4.09	4.42	5.03	5.34	4.28
4	3.96	3.12	2.55	3.39	3.52	3.66	3.41	4.11	4.43	5.06	5.23	4.29
5	3.98	3.13	2.61	3.40	3.53	3.67	3.43	4.12	4.44	5.07	5.23	4.22
6	4.04	3.22	2.67	3.43	3.53	3.66	3.45	4.14	4.46	5.09	5.24	4.12
7	4.07	3.28	2.76	3.45	3.52	3.69	3.48	4.15	4.49	5.11	5.25	4.16
8	4.09	3.37	2.81	3.49	3.54	3.73	3.48	4.18	4.52	5.14	5.27	4.21
9	4.10	3.41	2.86	3.47	3.55	3.72	3.52	4.21	4.55	5.16	5.33	4.20
10	4.08	3.43	2.91	3.45	3.54	3.71	3.56	4.23	4.59	5.19	5.37	4.19
11	4.02	3.46	2.92	3.49	3.39	3.72	3.58	4.25	4.59	5.21	5.40	4.20
12	4.02	3.47	2.93	3.49	3.40	3.75	3.62	4.25	4.63	5.24	5.11	4.21
13	4.02	3.40	2.80	3.50	3.42	3.73	3.65	4.27	4.67	5.26	4.85	4.26
14	4.05	3.42	2.86	3.52	3.41	3.14	3.69	4.25	4.71	5.27	4.54	4.29
15	4.08	3.44	2.93	3.57	3.43	3.09	3.70	4.25	4.72	5.28	4.54	4.31
16	4.10	3.47	2.96	3.57	3.46	3.15	3.72	4.28	4.71	5.18	4.54	4.32
17	4.10	3.49	3.00	3.57	3.46	3.20	3.74	4.29	4.72	4.94	4.53	4.36
18	4.11	3.51	3.05	3.56	3.46	3.24	3.78	4.31	4.76	4.97	4.49	4.38
19	4.11	3.52	3.10	3.52	3.47	3.05	3.80	4.31	4.79	5.01	4.18	4.40
20	4.12	3.49	3.10	3.57	3.50	2.65	3.80	4.29	4.81	5.05	4.07	4.42
21	3.94	3.25	3.13	3.61	3.51	2.69	3.79	4.26	4.82	5.09	4.05	4.44
22	3.80	2.82	3.15	3.61	3.54	2.81	3.83	4.31	4.85	5.10	4.09	4.46
23	3.77	2.49	3.15	3.64	3.56	2.87	3.87	4.34	4.88	5.13	4.11	4.46
24	3.78	2.63	3.17	3.65	3.56	2.94	3.88	4.36	4.91	5.15	4.13	4.49
25	3.80	2.74	3.21	3.62	3.58	3.03	3.89	4.33	4.93	5.17	4.17	4.53
26	3.84	2.76	3.25	3.46	3.58	3.06	3.91	4.31	4.96	5.20	4.20	4.56
27	3.85	2.80	3.25	3.39	3.58	3.09	3.93	4.31	4.97	5.23	4.21	4.58
28	3.86	2.86	3.27	3.45	3.62	3.16	3.95	4.33	4.98	5.26	4.23	4.62
29	3.88	2.83	3.27	3.45	---	3.19	3.99	4.35	5.01	5.28	4.26	4.65
30	3.86	2.26	3.32	3.49	---	3.21	4.02	4.36	5.03	5.32	4.26	4.66
31	3.85	---	3.32	3.50	---	3.25	---	4.33	---	5.35	4.25	---
MEAN	3.98	3.21	2.94	3.50	3.51	3.31	3.68	4.25	4.70	5.15	4.68	4.36
MAX	4.12	3.74	3.32	3.65	3.62	3.75	4.02	4.36	5.03	5.35	5.40	4.66
MIN	3.77	2.26	2.19	3.35	3.39	2.65	3.28	4.03	4.36	4.94	4.05	4.12

WTR YR 1986 MEAN 3.94 MAX 5.40 MIN 2.19

HYDROGRAPH



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ORANGEBURG COUNTY

332649081072500. Local number, ORG-95.

LOCATION.--Lat 33°26'49", long 81°07'25", Hydrologic Unit 03050204, 40 ft east on First Street (SC-38-628) and 70 ft north of Saxton Street (SC-38-213) in Norway.
Owner: Town of Norway.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 250 ft, screened intervals 173-193, 200-220 228-238 ft, gravel finish.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft. Water-level affected by nearby pumpage.

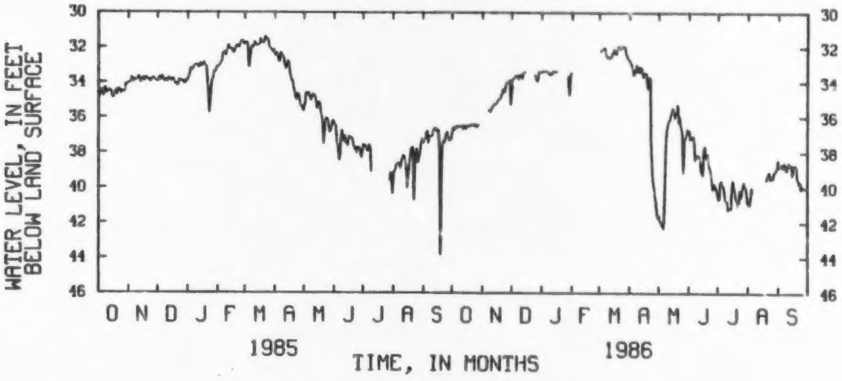
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 30.18 ft below land-surface datum, May 9, 1984; lowest, 43.84 ft below land-surface datum, Sept. 19, 1983 (lowest may have been exceeded during period of missing record).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.90	---	34.44	33.38	33.46	---	32.74	41.56	36.70	40.64	40.87	38.86
2	36.99	---	33.85	33.34	---	32.18	32.89	41.89	37.26	40.63	41.00	38.68
3	36.72	---	33.76	33.39	---	32.14	33.00	41.90	37.08	39.69	40.53	38.70
4	36.57	---	33.77	33.35	---	32.08	33.20	42.13	37.20	39.59	39.97	38.65
5	36.63	---	33.64	33.34	---	32.06	33.57	42.00	37.05	39.87	40.27	38.86
6	36.49	---	33.60	33.35	---	32.00	33.50	42.32	37.34	39.87	---	38.59
7	36.56	35.60	33.76	33.40	---	32.16	33.35	40.60	38.46	40.15	---	38.57
8	36.54	35.64	33.89	33.42	---	32.47	32.97	37.77	38.39	40.66	---	38.90
9	36.51	35.72	33.55	33.56	---	32.56	33.31	36.69	38.11	40.72	---	39.00
10	36.56	35.53	33.60	33.48	---	32.50	33.40	36.44	38.18	40.76	---	38.83
11	36.48	35.42	33.57	33.56	---	32.60	33.09	36.16	38.17	41.27	---	38.56
12	36.68	35.39	33.79	33.38	---	32.53	33.41	36.17	38.45	41.12	---	38.61
13	36.47	35.25	33.43	33.35	---	32.54	33.14	35.90	38.94	41.18	---	38.78
14	36.54	35.30	33.44	33.36	---	32.28	33.41	35.69	39.12	41.16	---	38.68
15	36.66	35.22	33.37	33.41	---	32.34	33.70	35.46	39.28	40.03	---	39.31
16	36.52	35.16	---	33.35	---	32.10	33.41	35.59	37.81	39.57	---	39.02
17	36.48	35.02	---	33.37	---	32.22	33.46	36.04	37.64	39.95	---	38.72
18	36.49	34.96	---	---	---	32.37	33.49	35.87	38.32	40.24	---	38.72
19	36.54	34.93	---	---	---	32.06	34.22	35.68	38.37	40.59	39.54	38.80
20	36.43	34.84	---	---	---	31.93	34.36	35.27	38.06	40.69	39.31	39.44
21	36.43	34.64	---	---	---	31.96	33.69	36.32	38.68	41.06	39.30	39.54
22	36.44	34.38	---	---	---	32.10	33.75	35.95	38.85	40.82	39.10	39.79
23	36.50	34.54	---	---	---	31.86	37.43	36.46	39.07	40.12	39.51	39.65
24	36.41	34.54	---	---	---	31.90	38.85	36.69	39.52	40.54	39.31	40.08
25	36.44	34.15	33.58	---	---	32.04	39.62	36.96	40.00	40.38	39.41	39.85
26	36.58	34.00	33.77	---	---	31.95	39.93	39.13	40.11	39.94	39.46	40.03
27	36.49	34.01	33.93	---	---	31.98	40.53	37.18	39.75	39.67	39.13	---
28	36.41	34.04	33.83	33.67	---	32.33	40.74	37.22	39.93	39.87	39.07	---
29	---	33.88	33.38	34.73	---	32.45	41.50	37.00	40.02	40.00	38.99	---
30	---	35.28	33.41	33.78	---	32.63	41.70	36.65	40.32	40.34	38.85	---
31	---	---	33.40	33.45	---	32.66	---	36.92	---	40.90	38.42	---
MEAN	---	---	---	---	---	---	35.18	37.66	38.54	40.39	---	---
MAX	---	---	---	---	---	---	41.70	42.32	40.32	41.27	---	---
MIN	---	---	---	---	---	---	32.74	35.27	36.70	39.57	---	---

HYDROGRAPH



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RICHLAND COUNTY

340335080583501. Local number, RIC-40.

LOCATION.--Lat 34°03'33" (Revised), long 80°58'37", Hydrologic Unit 03050110, on Shakespeare Road in Dentsville, north of Columbia at the Shakespeare Mgf. Company.
Owner: Shakespeare Manufacturing Co.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 245 ft, cased to 233 ft, screened intervals 98-105, 130-135, 233-245 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 390 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.37 ft above land-surface datum.

REMARKS.--Water-quality data available in District files.

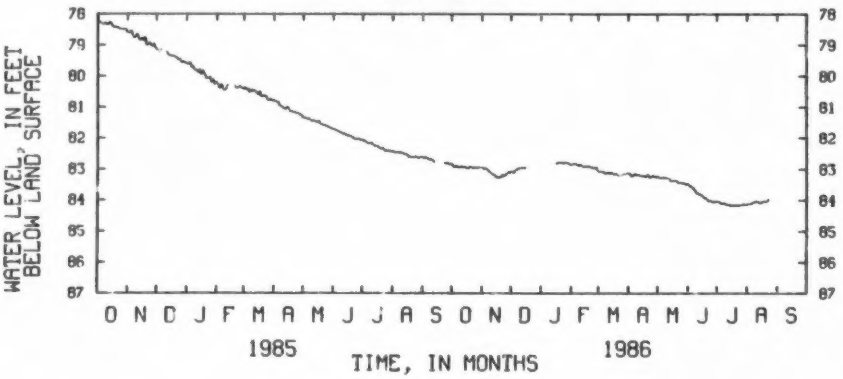
PERIOD OF RECORD.--1942-52, 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 76.03 ft below land-surface datum, Oct. 17, 1975; lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82.83	82.95	83.08	---	82.86	83.08	83.13	83.23	83.47	84.04	84.12	
2	82.90	82.98	83.08	---	82.84	83.08	83.13	83.26	83.49	84.04	84.12	
3	82.93	82.99	83.12	---	82.83	83.07	83.19	83.27	83.54	84.05	84.12	
4	82.91	82.97	83.10	---	82.83	83.08	83.22	83.28	83.55	84.07	84.12	
5	82.89	82.99	83.05	---	82.83	83.10	83.22	83.28	83.59	84.09	84.10	
6	82.91	83.02	83.03	---	82.84	83.08	83.19	83.28	83.59	84.10	84.09	
7	82.93	83.02	83.02	---	82.86	83.11	83.17	83.27	83.64	84.10	84.07	
8	82.94	83.07	82.98	---	82.88	83.15	83.15	83.27	83.66	84.10	84.06	
9	82.94	83.10	82.97	---	82.87	83.13	83.18	83.28	83.72	84.10	84.05	
10	82.91	83.11	82.97	---	82.86	83.11	83.19	83.29	83.77	84.13	84.04	
11	82.92	83.15	82.96	---	82.86	83.10	83.19	83.28	83.78	84.14	84.04	
12	82.94	83.17	82.96	---	82.90	83.14	83.19	83.28	83.79	84.14	84.05	
13	82.93	83.18	82.95	---	82.92	83.14	83.19	83.29	83.81	84.14	84.07	
14	82.93	83.22	82.96	---	82.90	83.11	83.22	83.35	83.82	84.15	84.07	
15	82.94	83.24	82.96	---	82.92	83.14	83.21	83.38	83.84	84.16	84.08	
16	82.96	83.26	82.94	82.82	82.93	83.15	83.21	83.38	83.86	84.16	84.06	
17	82.97	83.27	---	82.81	82.90	83.16	83.21	83.37	83.90	84.16	84.04	
18	82.97	83.28	---	82.80	82.90	83.16	83.24	83.37	83.92	84.16	84.0[illegible]	
19	82.94	83.28	---	82.79	82.90	83.14	83.24	83.38	83.92	84.16	84.03	
20	82.93	83.26	---	82.78	82.94	83.17	83.19	83.38	83.95	84.16	84.03	
21	82.94	83.23	---	82.79	82.94	83.19	83.18	83.39	83.98	84.16	84.03	
22	82.95	83.1[illegible]	---	82.79	82.94	83.21	83.24	83.42	84.01	84.16	84.01	
23	82.96	83.22	---	82.80	82.96	83.19	83.26	83.45	84.02	84.16	83.97	
24	82.95	83.21	---	82.82	82.95	83.20	83.27	83.45	84.02	84.16	---	
25	82.95	83.20	---	82.80	82.97	83.21	83.22	83.44	84.02	84.15	---	
26	82.96	83.16	---	82.79	82.94	83.17	83.23	83.44	84.04	84.15	---	
27	82.95	83.13	---	82.79	82.96	83.14	83.22	83.45	84.05	84.13	---	
28	82.94	83.11	---	82.81	83.05	83.16	83.23	83.45	84.05	84.13	---	
29	82.96	83.11	---	82.81	---	83.15	83.26	83.47	84.05	84.13	---	
30	82.95	83.10	---	82.84	---	83.13	83.25	83.48	84.04	84.13	---	
31	82.95	---	---	82.85	---	83.13	---	83.48	---	84.13	---	
MEAN	82.93	83.14	---	---	82.90	83.14	83.21	83.36	83.83	84.13	---	
MAX	82.97	83.28	---	---	83.05	83.21	83.27	83.48	84.05	84.16	---	
MIN	82.83	82.95	---	---	82.83	83.07	83.13	83.23	83.47	84.04	---	

HYDROGRAPH



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RICHLAND COUNTY

334944080380100. Local number, RIC-63.

LOCATION.--Lat 33°49'44", long 80°38'01", Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of Hwy. 601, near Wateree. Owner: Hercules, Inc.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 25 in, depth 597 ft, 20" casing from LSD to 420 ft, 10" casing from 370 to 547 ft, screened intervals 417-420, 425-445, 456-476, 478-498, 500-520, 522-542 ft, open hole from 547 to 597 (Revised).

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.

REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged July 23, 1980, depth 371 ft. Water-level affected by nearby irrigational pumpage.

PERIOD OF RECORD.--February 1981 to current year.

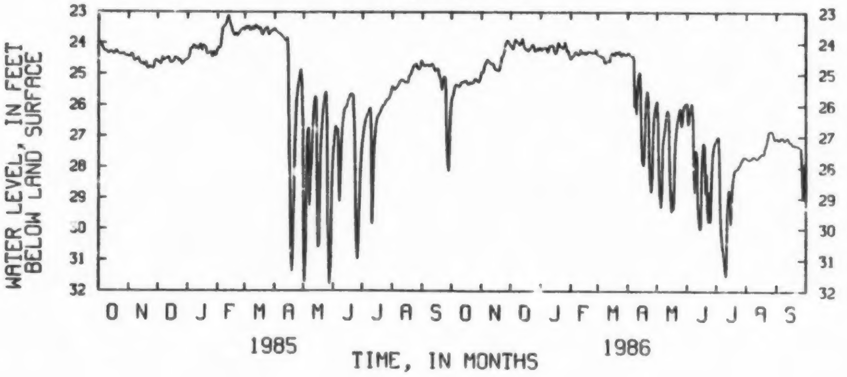
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 20.32 ft below land-surface datum, Apr. 15, 1983; lowest, 36.84 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.85	24.94	24.10	24.17	24.52	24.39	24.31	25.87	25.93	27.14	27.69	27.06
2	25.73	24.96	24.09	24.23	24.45	24.41	24.31	26.53	26.62	27.04	27.72	27.07
3	25.63	24.92	24.19	24.16	24.42	24.39	24.38	28.20	26.56	27.01	27.75	27.11
4	25.42	24.74	24.13	24.16	24.40	24.40	24.42	28.91	26.21	27.49	27.75	27.12
5	25.34	24.67	23.96	24.13	24.32	24.46	24.42	29.29	26.06	29.26	27.72	27.05
6	25.34	24.60	23.87	24.16	24.27	24.43	24.41	28.71	25.96	30.12	27.71	27.05
7	25.38	24.53	23.95	24.15	24.29	24.47	24.56	27.30	26.48	30.56	27.67	27.03
8	25.41	24.60	23.95	24.29	24.36	24.64	26.04	27.04	28.26	30.69	27.64	27.06
9	25.40	24.62	23.99	24.23	24.39	24.64	25.43	26.78	28.81	30.95	27.66	27.13
10	25.32	24.63	24.06	24.08	24.34	24.60	26.29	26.54	27.45	31.34	27.68	27.11
11	25.27	24.69	24.02	24.09	24.20	24.56	25.40	26.31	27.60	31.52	27.71	27.08
12	25.28	24.68	23.95	24.07	24.27	24.59	25.12	26.17	29.02	30.00	27.71	27.04
13	25.25	24.66	23.85	24.06	24.34	24.61	24.96	26.31	29.62	29.13	27.69	27.07
14	25.25	24.78	24.00	24.10	24.30	24.44	25.57	28.06	30.00	28.74	27.65	27.15
15	25.23	24.85	24.13	24.26	24.28	24.37	27.11	29.01	30.00	28.84	27.62	27.18
16	25.21	24.86	24.19	24.34	24.35	24.31	27.80	29.44	28.37	29.86	27.57	27.18
17	25.29	24.86	24.21	24.29	24.34	24.36	27.94	28.81	27.58	28.89	27.55	27.25
18	25.34	24.90	24.19	24.16	24.29	24.40	27.53	29.35	27.22	28.45	27.57	27.28
19	25.32	24.89	24.26	23.98	24.26	24.30	26.40	27.89	27.31	28.22	27.56	27.27
20	25.27	24.77	24.20	24.03	24.27	24.28	25.85	27.17	28.86	28.09	27.40	27.28
21	25.29	24.61	24.17	24.12	24.28	24.33	25.54	26.79	28.21	28.06	27.31	27.29
22	25.29	24.44	24.13	24.10	24.29	24.33	25.87	26.54	29.31	28.06	27.20	27.30
23	25.28	24.41	24.05	24.11	24.30	24.25	27.63	26.38	29.76	28.02	27.04	27.31
24	25.23	24.33	24.04	24.18	24.29	24.29	28.41	26.23	28.80	27.97	26.85	27.32
25	25.17	24.20	24.13	24.10	24.31	24.42	28.80	26.11	29.77	27.92	26.83	27.37
26	25.16	24.02	24.27	23.97	24.27	24.38	28.32	26.68	28.55	27.86	26.83	27.37
27	25.20	23.93	24.23	24.08	24.20	24.31	26.92	26.56	27.82	27.78	26.82	27.88
28	25.23	23.91	24.22	24.27	24.33	24.35	26.40	26.18	27.48	27.73	26.87	29.01
29	25.26	23.97	24.15	24.23	---	24.37	26.14	26.03	27.28	27.67	27.00	28.16
30	25.20	24.03	24.22	24.36	---	24.39	26.01	25.97	27.19	27.66	27.09	27.88
31	25.09	---	24.15	24.47	---	24.36	---	25.95	---	27.68	27.08	---
MEAN	25.32	24.57	24.10	24.17	24.32	24.41	26.08	27.20	27.94	28.70	27.42	27.32
MAX	25.85	24.96	24.27	24.47	24.52	24.64	28.80	29.44	30.00	31.52	27.75	29.01
MIN	25.09	23.91	23.85	23.97	24.20	24.25	24.31	25.87	25.93	27.01	26.82	27.03

CAL YR 1985	MEAN	25.26	MAX	31.78	MIN	23.11
WTR YR 1986	MEAN	25.97	MAX	31.52	MIN	23.85

HYDROGRAPH



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340540081021508. Local number, RIC-309.

LOCATION.--Lat 34°05'40", long 81°02'15", Hydrologic Unit 03050106, north of Columbia off State Road 423 at Lincolnshire subdivision.

Owner: Heater Utilities.

AQUIFER.--Piedmont.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 90 ft, open hole from 90 to 300 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.

REMARKS.--Water-level affected by nearby pumping.

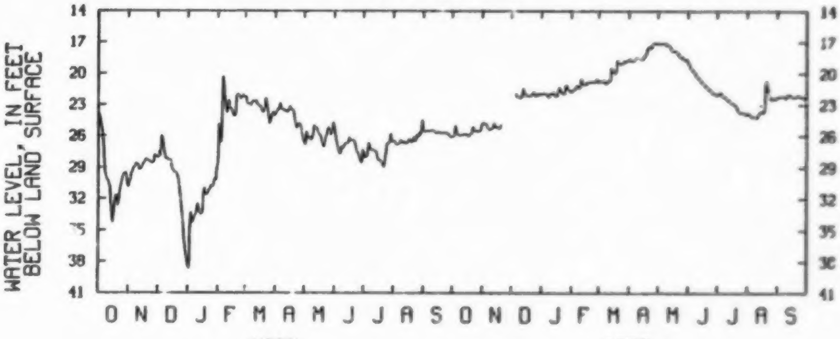
PERIOD OF RECORD.--1972 to June 1975, September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 4.56 ft below land-surface datum, Mar. 31, 1980; lowest, 44.83 ft below land-surface datum, Dec. 30, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.07	24.81	---	21.94	21.78	20.84	18.73	17.06	18.96	22.10	23.81	22.28
2	26.03	24.81	---	22.06	21.68	20.86	18.64	17.07	19.15	21.90	23.86	22.20
3	25.98	24.80	---	21.94	21.56	20.77	18.74	17.18	19.42	21.82	23.92	22.23
4	25.07	24.80	---	21.97	21.51	20.76	18.84	17.21	19.58	21.89	24.03	22.24
5	25.49	24.09	22.03	21.94	21.41	20.79	18.83	17.18	19.67	22.00	24.15	22.20
6	25.78	25.16	22.06	22.04	21.23	20.67	18.78	17.14	19.74	22.11	24.19	22.19
7	25.90	25.27	22.25	22.06	21.19	20.75	18.67	17.09	19.85	22.20	24.14	22.20
8	25.96	25.41	22.24	22.29	21.35	21.00	18.51	17.06	19.99	22.23	24.15	22.26
9	25.97	25.38	22.29	22.25	21.42	20.97	18.50	17.23	20.16	22.27	24.20	22.37
10	25.91	25.34	22.38	21.99	21.15	20.81	18.55	17.35	20.33	22.40	24.24	22.34
11	25.89	25.33	22.30	21.97	20.57	20.69	18.52	17.28	20.35	22.51	24.26	22.07
12	25.88	25.19	22.12	21.94	20.94	20.76	18.57	17.31	20.43	22.57	23.92	21.99
13	25.84	24.82	21.47	21.85	21.12	20.51	18.59	17.42	20.59	22.64	23.84	22.11
14	25.85	25.05	21.02	21.91	21.06	19.50	18.66	17.61	20.74	22.73	23.69	22.20
15	25.87	25.16	22.12	22.10	20.96	19.74	18.62	17.77	20.85	22.80	23.63	22.19
16	25.89	25.19	22.10	22.20	21.05	19.87	18.50	17.88	20.94	22.86	23.68	22.19
17	26.02	25.23	22.09	22.13	20.95	19.97	18.27	17.82	21.01	22.93	23.79	22.25
18	26.02	25.30	22.09	21.96	20.81	20.03	18.25	17.84	21.12	22.97	23.68	22.26
19	25.85	25.31	22.21	21.40	20.77	19.55	18.09	17.91	21.24	23.00	23.29	22.26
20	25.78	24.97	22.14	21.55	20.82	18.80	17.73	17.91	21.30	23.11	20.81	22.23
21	25.75	---	22.13	21.79	20.84	18.50	17.48	18.05	21.40	23.34	20.93	22.14
22	25.18	---	22.08	21.83	20.84	19.06	17.46	18.18	21.53	23.56	21.58	22.16
23	25.29	---	21.91	21.90	20.86	19.04	17.61	18.32	21.56	23.65	22.01	22.16
24	25.51	---	21.85	21.98	20.81	19.05	17.53	18.42	21.62	23.75	22.22	22.17
25	25.53	---	21.95	21.80	20.81	19.12	17.22	18.36	21.74	23.81	22.46	22.24
26	25.59	---	22.17	21.17	20.73	19.00	17.13	18.50	21.90	23.74	22.55	22.29
27	25.59	---	22.13	21.20	20.55	18.83	17.04	18.65	21.95	23.78	22.45	22.27
28	25.53	---	22.07	21.54	20.77	18.88	17.06	18.71	21.96	23.80	22.36	22.28
29	25.54	---	21.95	21.52	---	18.89	17.17	18.63	21.99	23.85	22.39	22.39
30	25.50	---	22.07	21.64	---	18.81	17.19	18.63	22.04	23.92	22.45	22.42
31	25.17	---	22.02	21.75	---	18.76	---	18.77	---	23.93	22.38	---
MEAN	25.72	---	---	21.96	21.05	19.87	18.12	17.79	20.77	22.91	23.20	22.23
MAX	26.07	---	---	22.29	21.78	21.00	18.84	18.77	22.04	23.93	24.26	22.42
MIN	25.07	---	---	21.17	20.55	18.76	17.04	17.06	18.96	21.82	20.81	21.99

HYDROGRAPH



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SUMTER COUNTY

335602080204800. Local number, SU-9.

LOCATION.--Lat 33°56'02", long 80°20'48", Hydrologic Unit 03040205, at Sumter municipal well field, Church Street Plant, City Well No. 1A.

Owner: City of Sumter.

AQUIFER.--Sands of Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 216 ft (Revised), 8 in from 204 to 625 ft (Revised), depth 625 ft, cased to 625 ft, screened intervals 508-528, 550-570, 605-625 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 176 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pad, 0.42 ft above land-surface datum.

REMARKS.--Original screened interval 415-435 ft cement plugged Jan. 21, 1953. Geophysical logged Sept. 1979 to 364 ft. Water-level affected by pumping of nearby wells. Geophysical logs and water-quality data available in District files.

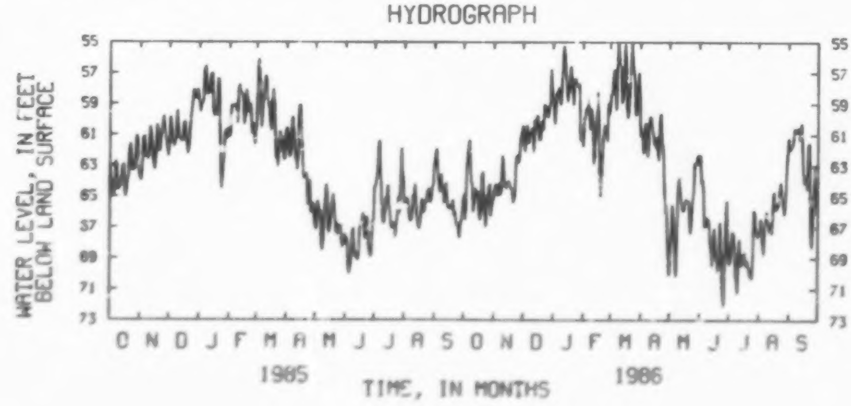
PERIOD OF RECORD.--Monthly values, 1946 to 1969. June 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 40.57 ft below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65.04	65.08	60.42	58.55	61.76	59.07	61.09	70.09	62.33	69.39	67.47	61.24
2	64.84	64.49	61.25	59.67	59.90	58.37	60.61	68.50	62.34	69.37	67.20	61.48
3	66.53	64.21	62.09	60.33	59.99	58.33	61.09	67.71	64.11	69.06	66.47	61.97
4	54.03	64.52	61.35	58.93	59.25	57.27	62.20	65.55	63.92	67.89	66.73	61.75
5	62.72	64.48	60.41	58.23	59.55	56.78	61.94	66.27	64.54	67.29	68.02	61.73
6	61.92	64.59	60.89	58.41	58.48	58.05	60.24	67.36	66.99	67.49	68.77	61.27
7	61.37	64.12	61.56	57.98	59.19	59.38	60.42	69.21	66.63	68.27	67.26	60.58
8	62.71	64.91	61.02	58.85	60.67	56.66	62.38	70.17	66.35	70.03	66.86	60.73
9	64.13	64.59	60.78	59.06	59.31	55.06	62.43	67.36	66.96	70.38	65.99	60.92
10	64.14	62.38	60.58	57.68	59.59	55.91	60.31	64.23	66.44	71.26	66.28	60.62
11	66.00	62.86	60.91	56.57	60.65	56.49	59.80	63.79	66.70	68.68	66.66	60.54
12	65.41	64.28	62.11	55.27	62.89	56.64	59.91	64.38	67.94	67.60	67.28	61.32
13	64.48	64.27	60.01	55.87	62.34	58.95	60.65	65.04	68.52	69.36	67.08	61.08
14	64.80	64.47	60.79	57.14	60.67	58.57	60.90	65.69	69.53	69.52	66.75	60.25
15	65.13	64.12	60.31	58.19	59.61	57.01	61.60	65.91	68.68	68.80	67.42	61.74
16	64.65	63.99	59.76	58.86	58.26	55.16	61.21	65.94	67.07	68.88	65.73	63.36
17	66.09	64.10	61.34	57.56	60.00	56.47	61.82	65.47	67.56	68.64	64.71	64.16
18	66.54	64.42	60.58	58.16	63.80	59.21	61.17	65.14	69.07	69.42	65.34	63.98
19	65.73	64.52	61.36	56.59	64.99	59.92	62.10	65.36	69.20	69.48	65.88	63.78
20	63.58	64.51	60.15	57.71	63.90	59.03	62.66	65.34	69.85	69.12	65.75	64.54
21	63.42	65.42	60.60	58.38	61.98	57.80	60.28	65.25	69.24	69.57	65.63	61.56
22	65.93	65.22	60.70	59.06	60.86	56.37	59.64	66.56	66.69	69.74	65.35	61.54
23	66.10	64.67	59.06	57.44	60.36	55.07	61.57	67.41	67.93	70.15	64.75	64.56
24	66.98	62.57	59.27	57.38	60.50	56.55	61.72	66.31	70.49	70.08	54.07	67.84
25	64.94	62.36	59.17	57.74	60.86	56.92	62.60	65.32	71.43	70.36	64.71	68.37
26	65.67	62.84	59.76	57.85	61.40	57.63	64.71	64.75	72.09	68.58	65.29	66.69
27	64.37	62.81	59.90	57.92	58.96	59.76	66.08	62.83	69.15	65.88	65.60	64.14
28	64.21	61.86	59.26	57.72	59.67	59.68	65.45	62.86	66.76	66.20	66.17	63.05
29	66.30	61.12	58.96	61.37	---	59.02	67.25	62.91	65.27	67.32	65.23	63.47
30	65.66	60.84	56.76	61.28	---	56.99	69.03	62.32	68.04	67.40	63.68	66.10
31	65.36	---	58.26	61.30	---	58.33	---	62.89	---	67.64	62.40	---
MEAN	64.80	63.84	60.30	58.29	60.69	57.63	62.10	65.74	67.39	68.81	66.02	62.81
MAX	66.98	65.42	62.11	61.37	64.99	59.92	69.03	70.17	72.09	71.26	68.77	68.37
MIN	61.37	60.84	56.76	55.27	58.26	55.06	59.64	62.32	62.33	65.88	62.40	60.25

CAL YR 1985	MEAN	63.43	MAX	70.01	MIN	56.08
WTR YR 1986	MEAN	63.21	MAX	72.09	MIN	55.06



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WILLIAMSBURG COUNTY

334410079310200. Local number, WL-76.

LOCATION.--Lat 33°44'10", long 79°31'02", Hydrologic Unit 03040205, 15 ft behind Allis-Chalmers store and 86 ft from the water tower in Stuckey.
Owner: Town of Stuckey.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 257 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

REMARKS.--1978 water-quality data on file in District office. Caliper and gamma logged Oct. 11, 1978, depth 256 ft. Water-level affected by nearby irrigational pumpage.

PERIOD OF RECORD.--October 1981 to current year.

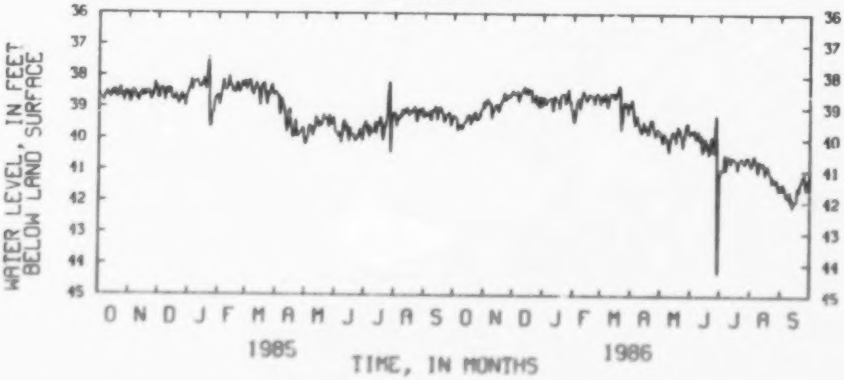
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.35 ft below land-surface datum, Jan. 12, 1982; lowest, 46.19 ft below land-surface datum, Mar. 12, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.26	38.81	38.45	38.75	39.42	38.89	38.88	39.88	39.78	41.11	40.79	41.52
2	39.31	39.02	38.54	38.66	39.47	38.76	38.73	39.78	39.70	40.95	40.87	41.62
3	39.31	38.93	38.55	38.80	39.22	38.60	38.97	40.09	39.76	40.96	40.74	41.39
4	39.35	38.74	38.58	38.89	38.99	38.77	39.25	40.11	39.81	40.99	40.52	41.49
5	39.74	38.72	38.50	38.73	38.81	38.68	39.55	39.80	39.68	40.89	40.50	41.54
6	39.53	38.81	38.47	38.75	38.71	38.53	39.31	39.94	39.97	40.48	40.73	41.72
7	39.63	38.89	38.81	38.74	38.69	38.67	39.24	39.95	39.96	40.98	40.65	41.83
8	39.68	38.86	38.70	38.72	39.04	38.98	39.49	39.96	39.89	40.75	40.92	41.74
9	39.56	39.36	38.54	38.68	38.82	38.86	39.48	40.26	39.72	40.51	41.06	41.86
10	39.70	39.16	38.52	38.70	38.60	38.64	39.67	40.39	40.02	40.64	40.68	41.65
11	39.53	39.04	38.46	39.12	38.45	38.54	39.73	40.03	40.01	40.56	40.80	41.98
12	39.46	39.06	38.38	38.81	38.53	38.56	39.81	39.91	39.85	40.77	40.83	41.85
13	39.48	38.92	38.32	38.62	39.57	38.53	39.60	39.78	40.39	40.59	40.74	42.17
14	39.38	38.90	38.56	38.77	38.75	38.62	39.44	39.73	40.41	40.58	40.72	42.02
15	39.25	38.91	38.49	38.73	38.79	38.69	39.70	39.86	39.96	40.58	40.89	41.96
16	39.24	39.14	38.38	38.77	38.68	38.53	39.70	39.81	39.96	40.63	41.13	41.95
17	39.23	39.06	38.58	38.77	38.56	38.69	39.56	40.11	40.08	40.69	40.89	41.98
18	39.54	38.91	38.44	39.02	38.57	38.53	39.77	39.74	40.30	40.69	40.82	41.53
19	39.42	38.87	38.45	38.66	38.63	38.40	39.84	39.58	40.17	40.97	40.88	41.54
20	39.43	38.75	38.41	38.56	38.60	38.28	39.63	39.77	40.49	40.70	41.01	41.65
21	39.19	38.75	38.81	38.59	38.60	38.37	39.37	39.67	40.35	40.66	41.12	41.39
22	39.21	38.53	38.62	38.55	38.77	39.70	39.38	39.88	39.99	40.61	41.12	41.33
23	39.13	38.72	38.69	38.56	38.87	39.47	39.37	39.94	39.91	40.58	41.39	41.18
24	39.40	38.76	38.80	38.86	38.61	38.94	39.63	40.26	40.19	40.68	41.23	41.25
25	39.25	38.62	38.59	38.75	38.55	38.82	39.77	39.98	40.46	40.70	41.24	41.08
26	39.40	38.58	38.89	38.52	38.54	38.95	39.90	39.91	39.90	40.76	41.38	41.31
27	39.22	38.65	38.78	38.41	38.58	38.82	39.85	39.60	39.24	40.75	41.30	41.59
28	39.33	38.67	38.98	38.82	38.71	38.89	39.66	39.50	40.09	40.57	41.27	41.58
29	39.10	38.61	38.65	38.78	---	39.19	39.84	39.47	44.28	40.57	41.51	41.27
30	39.06	38.53	38.66	39.03	---	38.86	39.71	39.76	41.42	40.56	41.64	41.23
31	38.98	---	38.96	39.06	---	38.95	---	39.84	---	40.72	41.44	---
MEAN	39.36	38.84	38.60	38.75	38.75	38.77	39.53	39.88	40.19	40.72	40.99	41.61
MAX	39.74	39.36	38.98	39.12	39.47	39.70	39.90	40.39	44.28	41.11	41.64	42.17
MIN	38.98	38.53	38.32	38.41	38.45	38.28	38.73	39.47	39.24	40.48	40.50	41.08

CAL YR 1985 MEAN 39.09 MAX 40.46 MIN 37.41
WTR YR 1986 MEAN 39.67 MAX 44.28 MIN 38.28

HYDROGRAPH



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YORK COUNTY

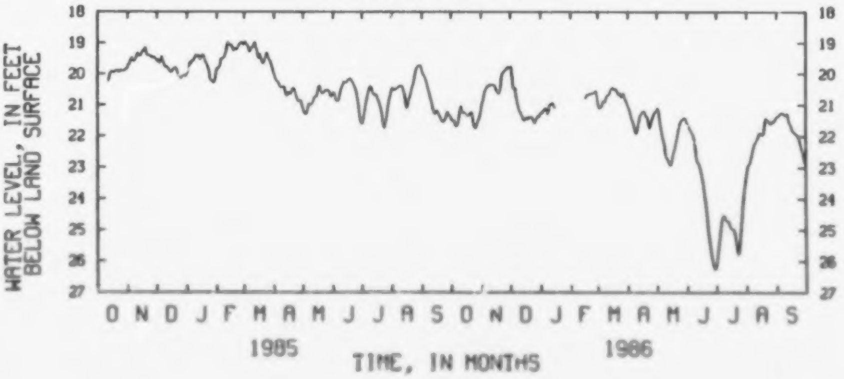
350150081012500. Local number, YK-147.
LOCATION.--Lat 35°01'37", long 81°01'59"(Revised), Hydrologic Unit 03050101, near Fort Mill on Lake Wylie.
Owner: Tega Cay Development.
AQUIFER.--Rock of Paleozoic to Precambrian age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 700 ft, cased to 50 ft, open hole from 50 to 700 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 0.75 ft above land-surface datum (Revised).
REMARKS.--Water-level affected by stage from Lake Wylie. Geophysical logs available in District files.
PERIOD OF RECORD.--October 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 18.46 ft below land-surface datum, Apr. 24, 1983; lowest, 26.26 ft below land-surface datum, June 30, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.46	21.08	19.76	21.25	---	20.98	21.07	21.10	21.62	26.08	23.17	21.39
2	21.50	20.94	19.79	21.28	---	21.10	21.15	21.18	21.63	25.81	22.99	21.37
3	21.51	20.85	20.18	21.20	---	21.09	21.28	21.42	21.75	25.54	22.91	21.34
4	21.50	20.60	20.48	21.19	---	21.08	21.42	21.63	21.81	25.29	22.88	21.32
5	21.63	20.55	20.49	21.11	---	21.03	21.49	21.79	21.87	25.01	22.77	21.27
6	21.69	20.50	20.47	21.11	---	20.90	21.57	21.97	21.91	24.76	22.66	21.26
7	21.67	20.43	20.77	21.15	---	20.87	21.70	22.11	22.01	24.59	22.52	21.26
8	21.59	20.38	20.93	21.30	---	20.92	21.83	22.23	22.13	24.54	22.38	21.28
9	21.40	20.41	21.10	21.21	---	20.83	21.92	22.47	22.38	24.55	22.26	21.33
10	21.19	20.37	21.19	21.01	---	20.73	21.85	22.68	22.68	24.65	22.19	21.33
11	21.05	20.35	21.23	20.99	---	20.68	21.66	22.71	22.82	24.71	22.15	21.30
12	21.19	20.37	21.33	20.97	---	20.69	21.50	22.75	22.84	24.71	22.09	21.28
13	21.25	20.36	21.35	20.93	---	20.64	21.34	22.85	22.91	24.71	22.03	21.45
14	21.24	20.38	21.40	20.99	---	20.51	21.29	22.92	23.03	24.81	21.94	21.56
15	21.26	20.39	21.50	21.08	---	20.47	21.24	22.91	23.16	24.91	21.89	21.63
16	21.29	20.50	21.45	21.10	20.79	20.45	21.21	22.79	23.34	24.97	21.93	21.70
17	21.33	20.56	21.41	---	20.72	20.49	21.19	22.61	23.50	24.97	21.94	21.81
18	21.34	20.60	21.42	---	20.68	20.53	21.26	22.47	23.73	24.97	21.96	21.85
19	21.34	20.65	21.46	---	20.67	20.49	21.35	22.39	23.97	25.05	21.88	21.87
20	21.28	20.58	21.39	---	20.68	20.52	21.37	22.24	24.18	25.14	21.62	21.91
21	21.25	20.45	21.39	---	20.64	20.62	21.43	22.10	24.58	25.35	21.43	21.92
22	21.24	20.11	21.41	---	20.65	20.68	21.64	21.93	24.94	25.60	21.48	21.97
23	21.40	20.00	21.39	---	20.64	20.63	21.74	21.78	25.19	25.78	21.52	22.01
24	21.63	19.95	21.46	---	20.62	20.66	21.67	21.64	25.43	25.72	21.51	22.07
25	21.70	19.90	21.54	---	20.63	20.75	21.50	21.53	25.70	25.40	21.58	22.22
26	21.76	19.89	21.59	---	20.59	20.71	21.40	21.48	25.89	24.97	21.60	22.34
27	21.68	19.83	21.48	---	20.55	20.64	21.31	21.47	26.03	24.59	21.58	22.44
28	21.57	19.78	21.41	---	20.75	20.74	21.25	21.42	26.17	24.20	21.52	22.54
29	21.49	19.83	21.36	---	---	20.84	21.21	21.42	26.26	23.89	21.55	22.70
30	21.41	19.84	21.39	---	---	20.90	21.18	21.44	26.22	23.62	21.50	22.85
31	21.28	---	21.29	---	---	21.00	---	21.56	---	23.38	21.44	---
MEAN	21.42	20.35	21.13	---	---	20.75	21.43	22.03	23.66	24.91	22.03	21.75
MAX	21.76	21.08	21.59	---	---	21.10	21.92	22.92	26.26	26.08	23.17	22.85
MIN	21.05	19.78	19.76	---	---	20.45	21.07	21.10	21.62	23.38	21.43	21.26

CAL YR 1985 MEAN 20.47 MAX 21.76 MIN 18.95

HYDROGRAPH



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APPENDIX

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APPENDIX

Following are two listings of the new versus old terminology for each of the 143 water-quality parameters affected by the terminology change explained on page 5. The first listing orders the changes numerically according to the laboratory parameter code and the second listing orders the changes alphabetically according to the parameter name.

NUMERIC LISTING

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
00623	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
00623	Nitrogen, kjeldahl, dissolved (mg/L as N)
00624	Nitrogen, ammonia plus organic, suspended total (mg/L as N)
00624	Nitrogen, kjeldahl, suspended (mg/L as N)
00625	Nitrogen, ammonia plus organic, total (mg/L as N)
00625	Nitrogen, kjeldahl, total (mg/L as N)
00626	Nitrogen, ammonia plus organic, total in bottom material, dry wt (mg/kg as N)
00626	Nitrogen, kjeldahl, total in bottom material, dry wt (mg/kg as N)
00683	Carbon, organic, suspended total (mg/L as C)
00683	Carbon, organic, suspended (mg/L as C)
00688	Carbon, inorganic, suspended total (mg/L as C)
00688	Carbon, inorganic, suspended (mg/L as C)
00689	Carbon, organic, suspended total (mg/L as C)
00689	Carbon, organic, suspended (mg/L as C)
00694	Carbon, inorganic plus organic, suspended total (mg/L as C)
00694	Carbon, inorganic plus organic, suspended (mg/L as C)
00916	Calcium, total recoverable (mg/L as Ca)
00916	Calcium, total (mg/L as Ca)
00926	Magnesium, suspended recoverable (mg/L as Mg)
00926	Magnesium, suspended (mg/L as Mg)
00927	Magnesium, total recoverable (mg/L as Mg)
00927	Magnesium, total (mg/L as Mg)

NUMERIC LISTING--Continued

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01001	Arsenic, suspended total (mg/L as As)
01001	Arsenic, suspended (ug/L as As)
01006	Barium, suspended recoverable (ug/L as Ba)
01006	Barium, suspended (ug/L as Ba)
01007	Barium, total recoverable (ug/L as Ba)
01007	Barium, total (ug/L as Ba)
01008	Barium, recoverable from bottom material (ug/g as Ba)
01008	Barium, total in bottom material (ug/g as Ba)
01011	Beryllium, suspended recoverable (ug/L as Be)
01011	Beryllium, suspended (ug/L as Be)
01012	Beryllium, total recoverable (ug/L as Be)
01012	Beryllium, total (ug/L as Be)
01013	Beryllium, recoverable from bottom material (ug/g as Be)
01013	Beryllium, total in bottom material (ug/g as Be)
01016	Bismuth, suspended total (ug/L as Bi)
01016	Bismuth, suspended (ug/L as Bi)
01021	Boron, suspended recoverable (ug/L as B)
01021	Boron, suspended (ug/L as B)
01022	Boron, total recoverable (ug/L as B)
01022	Boron, total (ug/L as B)
01023	Boron, recoverable from bottom material (ug/g as B)
01023	Boron, total in bottom material (ug/g as B)
01026	Cadmium, suspended recoverable (ug/L as Cd)
01026	Cadmium, suspended (ug/L as Cd)
01027	Cadmium, total recoverable (ug/L as Cd)
01027	Cadmium, total (ug/L as Cd)
01028	Cadmium, recoverable from bottom material (ug/g as Cd)
01028	Cadmium, total in bottom material (ug/g as Cd)
01029	Chromium, recoverable from bottom material (ug/g as Cr)
01029	Chromium, total in bottom material (ug/g as Cr)
01031	Chromium, suspended recoverable (ug/L as Cr)
01031	Chromium, suspended (ug/L as Cr)

NUMERIC LISTING--Continued

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01034	Chromium, total recoverable (ug/L as Cr)
01034	Chromium, total (ug/L as Cr)
01036	Cobalt, suspended recoverable (ug/L as Co)
01036	Cobalt, suspended (ug/L as Co)
01037	Cobalt, total recoverable (ug/L as Co)
01037	Cobalt, total (ug/L as Co)
01038	Cobalt, recoverable from bottom material (ug/g as Co)
01038	Cobalt, total in bottom material (ug/g as Co)
01041	Copper, suspended recoverable (ug/L as Cu)
01041	Copper, suspended (ug/L as Cu)
01042	Copper, total recoverable (ug/L as Cu)
01042	Copper, total (ug/L as Cu)
01043	Copper, recoverable from bottom material (ug/g as Cu)
01043	Copper, total in bottom material (ug/g as Cu)
01044	Iron, suspended recoverable (ug/L as Fe)
01044	Iron, suspended (ug/L as Fe)
01045	Iron, total recoverable (ug/L as Fe)
01045	Iron, total (ug/L as Fe)
01050	Lead, suspended recoverable (ug/L as Pb)
01050	Lead, suspended (ug/L as Pb)
01051	Lead, total recoverable (ug/L as Pb)
01051	Lead, total (ug/L as Pb)
01052	Lead, recoverable from bottom material (ug/g as Pb)
01052	Lead, total in bottom material (ug/g as Pb)
01053	Manganese, recoverable from bottom material (ug/g as Mn)
01053	Manganese, total in bottom material (ug/g as Mn)
01054	Manganese, suspended recoverable (ug/L as Mn)
01054	Manganese, suspended (ug/L as Mn)
01055	Manganese, total recoverable (ug/L as Mn)
01055	Manganese, total (ug/L as Mn)
01061	Molybdenum, suspended recoverable (ug/L as Mo)
01061	Molybdenum, suspended (ug/L as Mo)

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NUMERIC LISTING--Continued

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01062	Molybdenum, total recoverable (ug/L as Mo)
01062	Molybdenum, total (ug/L as Mo)
01063	Molybdenum, recoverable from bottom material (ug/g as Mo)
01063	Molybdenum, total in bottom material (ug/g as Mo)
01066	Nickel, suspended recoverable (ug/L as Ni)
01066	Nickel, suspended (ug/L as Ni)
01067	Nickel, total recoverable (ug/L as Ni)
01067	Nickel, total (ug/L as Ni)
01068	Nickel, recoverable from bottom material (ug/g as Ni)
01068	Nickel, total in bottom material (ug/g as Ni)
01076	Silver, suspended recoverable (ug/L as Ag)
01076	Silver, suspended (ug/L as Ag)
01077	Silver, total recoverable (ug/L as Ag)
01077	Silver, total (ug/L as Ag)
01078	Silver, recoverable from bottom material (ug/g as Ag)
01078	Silver, total in bottom material (ug/g as Ag)
01081	Strontium, suspended recoverable (ug/L as Sr)
01081	Strontium, suspended (ug/L as Sr)
01082	Strontium. total recoverable (ug/L as Sr)
01082	Strontium, total (ug/L as Sr)
01083	Strontium, recoverable from bottom material (ug/g as Sr)
01083	Strontium, total in bottom material (ug/g as Sr)
01086	Vanadium, suspended total (ug/L as V)
01086	Vanadium, suspended (ug/L as V)
01091	Zinc, suspended recoverable (ug/L as Zn)
01091	Zinc, suspended (ug/L as Zn)
01092	Zinc, total recoverable (ug/L as Zn)
01092	Zinc, total (ug/L as Zn)
01093	Zinc, recoverable from bottom material (ug/g as Zn)
01093	Zinc, total in bottom material (ug/g as Zn)
01096	Antimony, suspended total (ug/L as Sb)
01096	Antimony, suspended (ug/L as Sb)

NUMERIC LISTING--Continued

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01101	Tin, suspended recoverable (ug/L as Sn)
01101	Tin, suspended (ug/L as Sn)
01102	Tin, total recoverable (ug/L as Sn)
01102	Tin, total (ug/L as Sn)
01105	Aluminum, total recoverable (ug/L as Al)
01105	Aluminum, total (ug/L as Al)
01107	Aluminum, suspended recoverable (ug/L as Al)
01107	Aluminum, suspended (ug/L as Al)
01108	Aluminum, recoverable from bottom material (ug/g as Al)
01108	Aluminum, total in bottom material (ug/g as Al)
01116	Cesium, suspended total (ug/L as Cs)
01116	Cesium, suspended (ug/L as Cs)
01121	Gallium, suspended total (ug/L as Ga)
01121	Gallium, suspended (ug/L as Ga)
01126	Germanium, suspended total (ug/L as Ge)
01126	Germanium, suspended (ug/L as Ge)
01131	Lithium, suspended recoverable (ug/L as Li)
01131	Lithium, suspended (ug/L as Li)
01132	Lithium, total recoverable (ug/L as Li)
01132	Lithium, total (ug/L as Li)
01136	Rubidium, suspended total (ug/L as Rb)
01136	Rubidium, suspended (ug/L as Rb)
01146	Selenium, suspended total (ug/L as Se)
01146	Selenium, suspended (ug/L as Se)
01151	Titanium, suspended total (ug/L as Ti)
01151	Titanium, suspended (ug/L as Ti)
01161	Zirconium, suspended total (ug/L as Zr)
01161	Zirconium, suspended (ug/L as Zr)
01170	Iron, recoverable from bottom material (ug/g as Fe)
01170	Iron, total in bottom material (ug/g as Fe)
01505	Alpha, suspended total (pCi/L)

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NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
01506	Alpha, suspended total, counting error (pCi/L)
01506	Alpha, suspended, counting error (pCi/L)
01516	Gross alpha radioactivity, suspended total (pCi/L as U natural)
01516	Gross alpha radioactivity, suspended (pCi/L as U natural)
01517	Gross alpha radioactivity, suspended total (pCi/g as U natural)
01517	Gross alpha radioactivity, suspended (pCi/g as U natural)
01518	Gross alpha radioactivity, suspended total (ug/g as U natural)
01518	Gross alpha radioactivity, suspended (ug/g as U natural)
03505	Beta, suspended total (pCi/L)
03505	Beta, suspended (pCi/L)
03506	Beta, suspended total, counting error (pCi/L)
03506	Beta, suspended, counting error (pCi/L)
03516	Gross beta radioactivity, suspended total (pCi/L as Cs-137)
03516	Gross beta radioactivity, suspended (pCi/L as Cs-137)
03517	Gross beta radioactivity, suspended total (pCi/g as Sr/Yt-90)
03517	Gross beta radioactivity, suspended (pCi/g as Sr/Yt-90)
03518	Gross beta radioactivity, suspended total (pCi/g as Cs-137)
03518	Gross Beta radioactivity, suspended (pCi/g as Cs-137)
07010	Tritium, suspended total (pCi/L)
07010	Tritium, suspended (pCi/L)
07011	Tritium, suspended total, countingerror (pCi/L)
07011	Tritium, suspended, counting error(pCi/L)
07014	Tritium, suspended total, countingerror (tritium units)
07014	Tritium, suspended, counting error(tritium units)
07016	Tritium, suspended total (tritium units)
07016	Tritium, suspended (tritium units)
07052	Calcium 45, suspended total (pCi/L)
07052	Calcium 45, suspended (pCi/L)
07053	Calcium 45, suspended total, counting error (pCi/L)
07053	Calcium 45, suspended, counting error (pCi/L)
07062	Iron 59, suspended total (pCi/L)
07062	Iron 59, suspended (pCi/L)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07063	Iron 59, suspended total, counting error (pCi/L)
07063	Iron 59, suspended, counting error (pCi/L)
07082	Rhodamine Wt, suspended total (ug/L)
07082	Rhodamine Wt, suspended (ug/L)
07102	Selenium 75, suspended total (pCi/L)
07102	Selenium 75, suspended (pCi/L)
07103	Selenium 75, suspended total, counting error (pCi/L)
07103	Selenium 75, suspended, counting error (pCi/L)
07122	Silver 110, suspended total (pCi/L)
07122	Silver 110, suspended (pCi/L)
07123	Silver 110, suspended total, counting error (pCi/L)
07123	Silver 110, suspended, counting error (pCi/L)
07142	Sulfur 35, suspended total (pCi/L)
07142	Sulfur 35, suspended (pCi/L)
07143	Sulfur 35, suspended total, counting error (pCi/L)
07143	Sulfur 35, suspended, counting error (pCi/L)
09505	Radium 226, suspended total (pCi/L)
09505	Radium 226, suspended (pCi/L)
13505	Strontium 90, suspended total (pCi/L)
13505	Strontium 90, suspended (pCi/L)
13506	Strontium 90, suspended total, counting error (pCi/L)
13506	Strontium 90, suspended, counting error (pCi/L)
22705	Uranium, natural, suspended total (ug/L as U natural)
22705	Uranium, natural, suspended (ug/L as U natural)
28404	Cesium 137, suspended total (pCi/L)
28404	Cesium 137, suspended (pCi/L)
28405	Cesium 137, suspended total, counting error (pCi/L)
28405	Cesium 137, suspended, counting error (pCi/L)
28412	Cesium 134, suspended total (pCi/L)
28412	Cesium 134, suspended (pCi/L)
28413	Cesium 134, suspended total, counting error (pCi/L)
28413	Cesium 134, suspended, counting error (pCi/L)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
29633	Scandium 46, suspended total (pCi/L)
29633	Scandium 46, suspended (pCi/L)
29634	Scandium 46, suspended total, counting error (pCi/L)
29634	Scandium 46, suspended, counting error (pCi/L)
39332	Aldrin, suspended total (ug/L)
39332	Aldrin, suspended (ug/L)
39342	Lindane, suspended total (ug/L)
39342	Lindane, suspended (ug/L)
39353	Chlordane, suspended total (ug/L)
39353	Chlordane, suspended (ug/L)
39362	DDD, suspended total (ug/L)
39362	DDD, suspended (ug/L)
39367	DDE, suspended total (ug/L)
39367	DDE, suspended (ug/L)
39372	DDT, suspended total (ug/L)
39372	DDT, suspended (ug/L)
39382	Dieldrin, suspended total (ug/L)
39382	Dieldrin, suspended (ug/L)
39392	Endrin, suspended total (ug/L)
39392	Endrin, suspended (ug/L)
39402	Toxaphene, suspended total (ug/L)
39402	Toxaphene, suspended (ug/L)
39412	Heptachlor, suspended total (ug/L)
39412	Heptachlor, suspended (ug/L)
39422	Heptachlor epoxide, suspended total (ug/L)
39422	Heptachlor epoxide, suspended (ug/L)
39432	Isodrin, suspended total (ug/L)
39432	Isodrin, suspended (ug/L)
39502	Aroclor, suspended total, 1248 PCB series (ug/L)
39502	Aroclor, suspended, 1248 PCB series (ug/L)
39506	Aroclor, suspended total, 1254 PCB series (ug/L)
39506	Aroclor, suspended, 1254 PCB series (ug/L)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39510	Aroclor, suspended total, 1260 PCB series (ug/L)
39510	Aroclor, suspended, 1260 PCB series (ug/L)
39518	PCB, suspended total (ug/L)
39518	PCB, suspended (ug/L)
39533	Malathion, suspended total (ug/L)
39533	Malathion, suspended (ug/L)
39543	Parathion, suspended total (ug/L)
39543	Parathion, suspended (ug/L)
39573	Diazinon, suspended total (ug/L)
39573	Diazinon, suspended (ug/L)
39603	Methyl parathion, suspended total (ug/L)
39603	Methyl parathion, suspended (ug/L)
39733	2,4-D, suspended total (ug/L)
39733	2,4-D, suspended (ug/L)
39743	2,4,5-T, suspended total (ug/L)
39743	2,4,5-T, suspended (ug/L)
39757	Mirex, suspended total (ug/L)
39757	Mirex, suspended (ug/L)
39763	Silvex, suspended total (ug/L)
39763	Silvex, suspended (ug/L)
70299	Solids, residue at 110 deg. C, suspended total (mg/L)
70299	Solids, residue at 110 deg. C, suspended (mg/L)
71895	Mercury, suspended recoverable (ug/L as Hg)
71895	Mercury, suspended (ug/L as Hg)
71900	Mercury, total recoverable (ug/L as Hg)
71900	Mercury, total (ug/L as Hg)
71921	Mercury, recoverable from bottom material (ug/g as Hg)
71921	Mercury, total in bottom material (ug/g as Hg)
80040	Gross alpha radioactivity, suspended total (ug/L as U natural)
80040	Gross alpha radioactivity, suspended (ug/L as U natural)
80060	Gross beta radioactivity, suspended total (pCi/L as Sr/Yt-90)
80060	Gross beta radioactivity, suspended (pCi/L as Sr/Yt-90)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39332	Aldrin, suspended total (ug/L)
39332	Aldrin, suspended (ug/L)
01505	Alpha, suspended total (pCi/L)
01505	Alpha, suspended (pCi/L)
01506	Alpha, suspended total, counting error (pCi/L)
01506	Alpha, suspended, counting error (pCi/L)
01105	Aluminum, total recoverable (ug/L as Al)
01105	Aluminum, total (ug/L as Al)
01107	Aluminum, suspended recoverable (ug/L as Al)
01107	Aluminum, suspended (ug/L as Al)
01108	Aluminum, recoverable from bottom material (ug/g as Al)
01108	Aluminum, total in bottom material (ug/g as Al)
01096	Antimony, suspended total (ug/L as Sb)
01096	Antimony, suspended (ug/L as Sb)
39502	Aroclor, suspended total, 1248 PCB series (ug/L)
39502	Aroclor, suspended, 1248 PCB series (ug/L)
39506	Aroclor, suspended total, 1254 PCB series (ug/L)
39506	Aroclor, suspended, 1254 PCB series (ug/L)
39510	Aroclor, suspended total, 1260 PCB series (ug/L)
39510	Aroclor, suspended, 1260 PCB series (ug/L)
01001	Arsenic, suspended total (mg/L as As)
01001	Arsenic, suspended (ug/L as As)
01006	Barium, suspended recoverable (ug/L as Ba)
01006	Barium, suspended (ug/L as Ba)
01007	Barium, total recoverable (ug/L as Ba)
01007	Barium, total (ug/L as Ba)
01008	Barium, recoverable from bottom material (ug/g as Ba)
01008	Barium, total in bottom material (ug/g as Ba)
01011	Beryllium, suspended recoverable (ug/L as Be)
01011	Beryllium, suspended (ug/L as Be)
01012	Beryllium, total recoverable (ug/L as Be)
01012	Beryllium, total (ug/L as Be)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
01013	Beryllium, recoverable from bottom material (ug/g as Be)
01013	Beryllium, total in bottom material (ug/g as Be)
03505	Beta, suspended total (pCi/L)
03505	Beta, suspended (pCi/L)
03506	Beta, suspended total, counting error (pCi/L)
03506	Beta, suspended, counting error (pCi/L)
01016	Bismuth, suspended total (ug/L as Bi)
01016	Bismuth, suspended (ug/L as Bi)
01021	Boron, suspended recoverable (ug/L as B)
01021	Boron, suspended (ug/L as B)
01022	Boron, total recoverable (ug/L as B)
01022	Boron, total (ug/L as B)
01023	Boron, recoverable from bottom material (ug/g as B)
01023	Boron, total in bottom material (ug/g as B)
01026	Cadmium, suspended recoverable (ug/L as Cd)
01026	Cadmium, suspended (ug/L as Cd)
01027	Cadmium, total recoverable (ug/L as Cd)
01027	Cadmium, total (ug/L as Cd)
01028	Cadmium, recoverable from bottom material (ug/g as Cd)
01028	Cadmium, total in bottom material (ug/g as Cd)
00916	Calcium, total recoverable (mg/L as Ca)
00916	Calcium, total (mg/L as Ca)
07052	Calcium 45, suspended total (pCi/L)
07052	Calcium 45, suspended (pCi/L)
07053	Calcium 45, suspended total, counting error (pCi/L)
07053	Calcium 45, suspended, counting error (pCi/L)
00683	Carbon, organic, suspended total (mg/L as C)
00683	Carbon, organic, suspended (mg/L as C)
00688	Carbon, inorganic, suspended total (mg/L as C)
00688	Carbon, inorganic, suspended (mg/L as C)
00689	Carbon, organic, suspended total (mg/L as C)
00689	Carbon, organic, suspended (mg/L as C)

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NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
00694	Carbon, inorganic plus organic, suspended total (mg/L as C)
00694	Carbon, inorganic plus organic, suspended (mg/L as C)
01116	Cesium, suspended total (ug/L as Cs)
01116	Cesium, suspended (ug/L as Cs)
28404	Cesium 137, suspended total (pCi/L)
28404	Cesium 137, suspended (pCi/L)
28405	Cesium 137, suspended total, counting error (pCi/L)
28405	Cesium 137, suspended, counting error (pCi/L)
28412	Cesium 134, suspended total (pCi/L)
28412	Cesium 134, suspended (pCi/L)
28413	Cesium 134, suspended total, counting error (pCi/L)
28413	Cesium 134, suspended, counting error (pCi/L)
39353	Chlordane, suspended total (ug/L)
39353	Chlordane, suspended (ug/L)
01029	Chromium, recoverable from bottom material (ug/g as Cr)
01029	Chromium, total in bottom material (ug/g as Cr)
01031	Chromium, suspended recoverable (ug/L as Cr)
01031	Chromium, suspended (ug/L as Cr)
01034	Chromium, total recoverable (ug/L as Cr)
01034	Chromium, total (ug/L as Cr)
01036	Cobalt, suspended recoverable (ug/L as Co)
01036	Cobalt, suspended (ug/L as Co)
01037	Cobalt, total recoverable (ug/L as Co)
01037	Cobalt, total (ug/L as Co)
01038	Cobalt, recoverable from bottom material (ug/g as Co)
01038	Cobalt, total in bottom material (ug/g as Co)
01041	Copper, suspended recoverable (ug/L as Cu)
01041	Copper, suspended (ug/L as Cu)
01042	Copper, Total recoverable (ug/L as Cu)
01042	Copper, total (ug/L as Cu)
01043	Copper, recoverable from bottom material (ug/g as Cu)
01043	Copper, total in bottom material (ug/g as Cu)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39362	DDD, suspended total (ug/L)
39362	DDD, suspended (ug/L)
39367	DDE, suspended total (ug/L)
39367	DDE, suspended (ug/L)
39372	DDT, suspended total (ug/L)
39372	DDT, suspended (ug/L)
39573	Diazinon, suspended total (ug/L)
39573	Diazinon, suspended (ug/L)
39382	Dieldrin, suspended total (ug/L)
39382	Dieldrin, suspended (ug/L)
39392	Endrin, suspended total (ug/L)
39392	Endrin, suspended (ug/L)
01121	Gallium, suspended total (ug/L as Ga)
01121	Gallium, suspended (ug/L as Ga)
01126	Germanium, suspended total (ug/L as Ge)
01126	Germanium, suspended (ug/L as Ge)
01516	Gross alpha radioactivity, suspended total (pCi/L as U natural)
01516	Gross alpha radioactivity, suspended (pCi/L as U natural)
01517	Gross alpha radioactivity, suspended total (pCi/g as U natural)
01517	Gross alpha radioactivity, suspended (pCi/g as U natural)
01518	Gross alpha radioactivity, suspended total (ug/g as U natural)
01518	Gross alpha radioactivity, suspended (ug/g as U natural)
80040	Gross alpha radioactivity, suspended total (ug/L as U natural)
80040	Gross alpha radioactivity, suspended (ug/L as U natural)
80060	Gross beta radioactivity, suspended total (pCi/L as Sr/Yt-90)
80060	Gross beta radioactivity, suspended (pCi/L as Sr/Yt-90)
03516	Gross beta radioactivity, suspended total (pCi/L as Cs-137)
03516	Gross beta radioactivity, suspended (pCi/L as Cs-137)
03517	Gross beta radioactivity, suspended total (pCi/g as Sr/Yt-90)
03517	Gross beta radioactivity, suspended (pCi/g as Sr/Yt-90)
03518	Gross beta radioactivity, suspended total (pCi/g as Cs-137)
03518	Gross Beta radioactivity, suspended (pCi/g as Cs-137)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39412	Heptachlor, suspended total (ug/L)
39412	Heptachlor, suspended (ug/L)
39422	Heptachlor epoxide, suspended total (ug/L)
39422	Heptachlor epoxide, suspended (ug/L)
01044	Iron, suspended recoverable (ug/L as Fe)
01044	Iron, suspended (ug/L as Fe)
01045	Iron, total recoverable (ug/L as Fe)
01045	Iron, total (ug/L as Fe)
01170	Iron, recoverable from bottom material (ug/g as Fe)
01170	Iron, total in bottom material (ug/g as Fe)
07062	Iron 59, suspended total (pCi/L)
07062	Iron 59, suspended (pCi/L)
07063	Iron 59, suspended total, counting error (pCi/L)
07063	Iron 59, suspended, counting error (pCi/L)
39432	Isodrin, suspended total (ug/L)
39432	Isodrin, suspended (ug/L)
01050	Lead, suspended recoverable (ug/L as Pb)
01050	Lead, suspended (ug/L as Pb)
01051	Lead, total recoverable (ug/L as Pb)
01051	Lead, total (ug/L as Pb)
01052	Lead, recoverable from bottom material (ug/g as Pb)
01052	Lead, total in bottom material (ug/g as Pb)
39342	Lindane, suspended total (ug/L)
39342	Lindane, suspended (ug/L)
01131	Lithium, suspended recoverable (ug/L as Li)
01131	Lithium, suspended (ug/L as Li)
01132	Lithium, total recoverable (ug/L as Li)
01132	Lithium, total (ug/L as Li)
00926	Magnesium, suspended recoverable (mg/L as Mg)
00926	Magnesium, suspended (mg/L as Mg)
00927	Magnesium, total recoverable (mg/L as Mg)
00927	Magnesium, total (mg/L as Mg)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39533	Malathion, suspended total (ug/L)
39533	Malathion, suspended (ug/L)
01053	Manganese, recoverable from bottom material (ug/g as Mn)
01053	Manganese, total in bottom material (ug/g as Mn)
01054	Manganese, suspended recoverable (ug/L as Mn)
01054	Manganese, suspended (ug/L as Mn)
01055	Manganese, total recoverable (ug/L as Mn)
01055	Manganese, total (ug/L as Mn)
71895	Mercury, suspended recoverable (ug/L as Hg)
71895	Mercury, suspended (ug/L as Hg)
71900	Mercury, total recoverable (ug/L as Hg)
71900	Mercury, total (ug/L as Hg)
71921	Mercury, recoverable from bottom material (ug/g as Hg)
71921	Mercury, total in bottom material (ug/g as Hg)
39603	Methyl parathion, suspended total (ug/L)
39603	Methyl parathion, suspended (ug/L)
39757	Mirex, suspended total (ug/L)
39757	Mirex, suspended (ug/L)
01061	Molybdenum, suspended recoverable (ug/L as Mo)
01061	Molybdenum, suspended (ug/L as Mo)
01062	Molybdenum, total recoverable (ug/L as Mo)
01062	Molybdenum, total (ug/L as Mo)
01063	Molybdenum, recoverable from bottom material (ug/g as Mo)
01063	Molybdenum, total in bottom material (ug/g as Mo)
01066	Nickel, suspended recoverable (ug/L as Ni)
01066	Nickel, suspended (ug/L as Ni)
01067	Nickel, total recoverable (ug/L as Ni)
01067	Nickel, total (ug/L as Ni)
01068	Nickel, recoverable from bottom material (ug/g as Ni)
01068	Nickel, total in bottom material (ug/g as Ni)
00623	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
00623	Nitrogen, kjeldahl, dissolved (mg/L as N)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
00624	Nitrogen, ammonia plus organic, suspended total (mg/L as N)
00624	Nitrogen, kjeldahl, suspended (mg/L as N)
00625	Nitrogen, ammonia plus organic, total (mg/L as N)
00625	Nitrogen, kjeldahl, total (mg/L as N)
00626	Nitrogen, ammonia plus organic, total in bottom material, dry wt (mg/kg as N)
00626	Nitrogen, kjeldahl, total in bottom material, dry wt (mg/kg as N)
39543	Parathion, suspended total (ug/L)
39543	Parathion, suspended (ug/L)
39518	PCB, suspended total (ug/L)
39518	PCB, suspended (ug/L)
09505	Radium 226, suspended total (pCi/L)
09505	Radium 226, suspended (pCi/L)
07082	Rhodamine Wt, suspended total (ug/L)
07082	Rhodamine Wt, suspended (ug/L)
01136	Rubidium, suspended total (ug/L as Rb)
01136	Rubidium, suspended (ug/L as Rb)
29633	Scandium 46, suspended total (pCi/L)
29633	Scandium 46, suspended (pCi/L)
29634	Scandium 46, suspended total, counting error (pCi/L)
29634	Scandium 46, suspended, counting error (pCi/L)
01146	Selenium, suspended total (ug/L as Se)
01146	Selenium, suspended (ug/L as Se)
07102	Selenium 75, suspended total (pCi/L)
07102	Selenium 75, suspended (pCi/L)
07103	Selenium 75, suspended total, counting error (pCi/L)
07103	Selenium 75, suspended, counting error (pCi/L)
01076	Silver, suspended recoverable (ug/L as Ag)
01076	Silver, suspended (ug/L as Ag)
01077	Silver, total recoverable (ug/L as Ag)
01077	Silver, total (ug/L as Ag)
01078	Silver, recoverable from bottom material (ug/g as Ag)
01078	Silver, total in bottom material (ug/g as Ag)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07122	Silver 110, suspended total (pCi/L)
07122	Silver 110, suspended (pCi/L)
07123	Silver 110, suspended total, counting error (pCi/L)
07123	Silver 110, suspended, counting error (pCi/L)
39763	Silvex, suspended total (ug/L)
39763	Silvex, suspended (ug/L)
70299	Solids, residue at 110 deg. C, suspended total (mg/L)
70299	Solids, residue at 110 deg. C, suspended (mg/L)
01081	Strontium, suspended recoverable (ug/L as Sr)
01081	Strontium, suspended (ug/L as Sr)
01082	Strontium, total recoverable (ug/L as Sr)
01082	Strontium, total (ug/L as Sr)
01083	Strontium, recoverable from bottom material (ug/g as Sr)
01083	Strontium, total in bottom material (ug/g as Sr)
13505	Strontium 90, suspended total (pCi/L)
13505	Strontium 90, suspended (pCi/L)
13506	Strontium 90, suspended total, counting error (pCi/L)
13506	Strontium 90, suspended, counting error (pCi/L)
07142	Sulfur 35, suspended total (pCi/L)
07142	Sulfur 35, suspended (pCi/L)
07143	Sulfur 35, suspended total, counting error (pCi/L)
07143	Sulfur 35, suspended, counting error (pCi/L)
01101	Tin, suspended recoverable (ug/L as Sn)
01101	Tin, suspended (ug/L as Sn)
01102	Tin, total recoverable (ug/L as Sn)
01102	Tin, total (ug/L as Sn)
01151	Titanium, suspended total (ug/L as Ti)
01151	Titanium, suspended (ug/L as Ti)
39402	Toxaphene, suspended total (ug/L)
39402	Toxaphene, suspended (ug/L)
07010	Tritium, suspended total (pCi/L)
07010	Tritium, suspended (pCi/L)

NUMERIC LISTING--Continued

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07011	Tritium, suspended total, counting error (pCi/L)
07011	Tritium, suspended, counting error (pCi/L)
07014	Tritium, suspended total, counting error (tritium units)
07014	Tritium, suspended, counting error (tritium units)
07016	Tritium, suspended total (tritium units)
07016	Tritium, suspended (tritium units)
22705	Uranium, natural, suspended total (ug/L as U natural)
22705	Uranium, natural, suspended (ug/L as U natural)
01086	Vanadium, suspended total (ug/L as V)
01086	Vanadium, suspended (ug/L as V)
01091	Zinc, suspended recoverable (ug/L as Zn)
01091	Zinc, suspended (ug/L as Zn)
01092	Zinc, total recoverable (ug/L as Zn)
01092	Zinc, total (ug/L as Zn)
01093	Zinc, recoverable from bottom material (ug/g as Zn)
01093	Zinc, total in bottom material (ug/g as Zn)
01161	Zirconium, suspended total (ug/L as Zr)
01161	Zirconium, suspended (ug/L as Zr)
39733	2,4-D, suspended total (ug/L)
39733	2,4-D, suspended (ug/L)
39743	2,4,5-T, suspended total (ug/L)
39743	2,4,5-T, suspended (ug/L)

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INDEX

Page

A-003 at Savannah River Plant. 247
A-011 at Savannah River Plant. 248
Access to WATSTORE data. 21
Accuracy of field data and computed results. 19
Acre-foot, definition of 6
AIW at Briarcliffe Acres at North Myrtle Beach 35-36
  at Myrtlewood Golf Course at Myrtle Beach. 37-40
  at Vereens Marina at North Myrtle Beach. 33-34
Appendix 363-382
Aquifer, definition of 6
Artesian, definition of. 6

Back River at Cote Bas near North Charleston 211-214
  at DuPont Intake near Kittridge. 283-289
  below Foster Creek near North Charleston 215-218
Bacteria, definition of. 6
Beaverdam Creek at 400-D at Savannah River Plant 258
  at mouth at Savannah River Plant 259-260
Bed material, definition of. 7
Big Beaver Creek near St. Matthews 140
Biochemical oxygen demand, definition of 7
Biomass, definition of 7
Black Creek near Hartsville. 45
  near McBee 44
Black River at Kingstree 60-62
  near Gable 59
Bottom material, definition of 7
Broad River at Alston. 122-123
  near Carlisle. 81-88
  near Gaffney 74
  near Jenkinsville 115-121
Broad River basin, surface water records in. 227

C-001 at Savannah River Plant. 272
C-003 at Savannah River Plant. 277
C-004 at Savannah River Plant. 278-280
Catawba River near Catawba 64
  near Rock Hill 63
Catfish Canal at Sellers 49
Cedar Creek at Cedar Creek Hunt Club near Gadsden. 142-148
  below Myers Creek near Hopkins 141
Cedar Creek near Blythewood. 125
Cells/volume, definition of. 7
CFS-day, definition of 8
Chattooga River near Clayton, Ga 230
Chemical oxygen demand, definition of. 8
Chlorophyll, definition of 8
Clark Fork Creek near Smyrna 75
Clark Hill Lake near Clarks Hill 238
Collection and computation of surface-water data 16
Collection and examination of water-quality data 21
Collection and reporting of ground-water data. 23
Color unit, definition of. 8
Combahee River basin, crest-stage partial record stations in. 320
  surface water records in 226
Congaree River at Columbia 137
  West of Wise Lake near Gadsden 139
Contents, definition of. 8
Control, definition of 8
Control structure, definition of 8
Cooperation. 2
Cooper River at Cote Bas near North Charleston 197-203
  at Customs House at Charleston 217-218
  at Inlet to Back River near Kettredge. 181-182
  at Mobay near North Charleston 204-210
  near Goose Creek 190-196
Cooper River Basin, surface water records in 173
Coosawhatchie River near Hampton 227-229
Crawl Creek near Pineville 156
Crest-Stage Partial-Record Stations. 316-319
Cubic foot per second, definition of 8
Cubic feet per second per square mile, definition of. 8

D-003 at Savannah River Plant. 257
D-006 at Savannah River Plant. 256
Data, accuracy of. 19
  other data available 20
Dean Swamp Creek near Salley 219
Definition of terms. 6
Discharge, definition of 8
Dissloved, definition of 8
Downstream order and station numbers 14
Drainage area, definition of 9
Drainage basin, definition of. 9

Edisto River basin, crest-stage partial record stations in 317-318
  surface water records in 219
Edisto River near Branchville. 222
  near Givhans 223-225
Enoree River at Whitmire 98-105

Fecal coliform bacteria, definition of 7
Fecal streptococcal bacteria, definition of. 7
Fork Creek at Jefferson. 50
Four Mile Creek at Road A-12.2 at Savannah River Plant. 281
  at mouth near Jackson. 261-262

Gage height, definition of 9
Gaging station, definition of. 9
Gills Creek at Columbia. 138
Ground Water Records 321

H-008 at Savannah River Plant. 265
Hamilton Creek near Easley 128
Hanging Rock Creek near Kershaw. 51
Hardness, definition of. 9
Hartwell Lake near Hartwell, Ga. 232
Hellers Creek near Pomaria 106
Horn Creek near Colliers 240
HP-52 Outfall at Savannah River Plant. 264
Hydrologic bench-mark station, definition of 15
Hydrologic conditions, summary of. 3
  graph of 4
Hydrologic unit, definition of 9

Introduction 1

K-011 at Savannah River Plant. 282-284

L-007 Outfall at Savannah River Plant. 295-297
Lake Greenwood near Chappells. 131
Lake Marion near Pineville 153
Lake Moultrie near Pinopolis 173
Lake Murray near Columbia. 134
Lakes and reservoirs in Pee Dee River basin and Santee River basin 315
Lakes Marion-Moultrie diversion canal near Pineville. 149-152
Lake William C. Bowen near Fingerville 77
Land surface datum, definition of. 23
Lawsons Fork Creek at Dewey Plant near Inman 79
Little Pee Dee River at Gallivants Ferry. 55
Little River basin, Surface Water records in 33
Little River near Walhella 231
Lower Three Runs below Par Pond at Savannah River Plant. 307-308
  near Snelling 309
Lynches River at Effingham 52-54

Map showing location of crest-stage stations 28
Map showing location of ground-water wells 29
Map showing location of streamflow stations, reservoir or lake gaging stations. 26
Map showing water-quality stations 27
Measuring point, definition of 23
Methylene blue active substance, definition of 9
Micrograms per gram, definition of 9
Micrograms per liter, definition of. 9
Middle Saluda River near Cleveland 127
Milligrams per liter, definition of. 9
Minim Creek at AIW near North Santee 165-168
Monticello Reservoir near Jenkinsville 107-113

National Geodetic Vertical Datum of 1929 (NGVD). 10
National stream-quality accounting network (NASQAN), definition of 16
Neals Creek near Carlisle. 80
Ninety-six Creek near Ninety-six 132
North Fork Edisto River at Orangeburg. 221
North Pacolet River at Fingerville 76
North Santee River near North Santee 163-164
North Tyger River near Fairmont. 89
Notice 6
Numbering system for wells and miscellaneous sites. 15

Organism, definition of. 10
Organism count/area, definition of 10
Organism count/volume, definition of 10

INDEX

Page

P-007 at Savannah River Plant. 298
P-013 at Savannah River Plant. 289-291
P-019 at Savannah River Plant. 302-304
Pacolet River near Fingerville 78
Parr Shoals Reservoir at Parr. 114
Partial record station, definition of. 10
Particle size, definition of 10
Particle size classification, definition of. . . 10
Pee Dee River at Peedee. 46-48
Pee Dee River basin, crest-stage partial record
  stations in. 316
  surface water records in 43
Pen Branch at Road A-13.2 at Savannah River
  Plant. 288
  at Road B at Savannah River Plant 285-287
Pesticides, definition of. 10
Picocurie, definition of 11
Plankton, definition of. 11
Preface. iii
Publications 24-25

Radiochemical program, definition of 16
Recoverable from bottom material, definition of. 14
Reedy River near Ware Shoals 130
Reservoirs and lakes in Pee Dee River basin
  and Santee River basin 315
Revised records. 20
Richard B. Russell Lake near Calhoun Falls . . . 235-237
Runoff in inches, definition of. 11

Salkehatchie River near Miley. 226
Saluda River at Chappells. 133
  near Columbia. 135-136
  near Ware Shoals 129
Santee River at Trezesvants Landing near
    Fort Motte. 148
  below St. Stephens 157
  near Honey Hill. 161-162
  near Jamestown 159-160
  near Pineville 154
  near Russellville. 155
Santee River basin, crest-stage partial-record
  stations in. 316-317
  surface water records in 63
Savannah River at Augusta, Ga. 241-243
  at Burtons Ferry Bridge near Millhaven, Ga . . 310
  below Hartwell Lake near Hartwell, Ga. 233-234
  below Steel Creek near Millett 305-306
  near Clyo, Ga. 311-314
  near Jackson 252-254
Savannah River basin, crest-stage partial record
  stations in. 318
  surface water records in 230
Scape Ore Swamp near Bishopville 56-58
Sediment, definition of. 11, 22
Site No. 1 at Savannah River Plant 263
Site No. 2 at Savannah River Plant 266
Site No. 3 at Savannah River Plant 267
Site No. 4 at Savannah River Plant 268
Site No. 5 at Savannah River Plant 269
Site No. 5B at Savannah River Plant. 270
Site No. 6 at Savannah River Plant 271
Site No. 7 at Savannah River Plant 274-276
Smith Branch at North Main Street at Columbia. . 126
Solute, definition of. 12
South Fork Edisto River near Denmark 220
South Santee River at AIW near McClellanville . 169-172
Special networks and programs. 15
Specific conductance, definition of. 12
Stage-discharge relation, definition of. 12
Station numbers. 14
Stage-discharge relation, definition of. 12
Station numbers. 14
Steel Creek at Road A at Savannah River Plant. . 299
  above Road B at Savannah River Plant 292-294
  near Snelling. 300-301
Stevens Creek near Modoc 239
Streamflow, definition of. 12
Substrate, definition of 12
Surface area, definition of. 12
Suspended, recoverable, definition of. 13
Suspended, total, definition of. 13

Page

Temperature, water 22
Tims Branch at Road C at Savannah River Plant. . 249
Tons per acre-foot, definition of. 13
Tons per day, definition of. 13
Total coliform bacteria. 6
Total, definition of 13
Total in bottom material, definition of. 14
Total load, definition of. 13
Total, recoverable, definition of. 13
Tributary to Four Mile Creek below Twin Lakes
  at Savannah River Plant. 273
Tyger River near Delta 90-97

Upper Three Runs above Road C at Savannah River
  Plant. 250
  at Road A at Savannah River Plant. 251
  near New Ellenton 244-246

Waccamaw River basin, surface water records in . 32
Waccamaw River at Bucksport. 41-42
  near Longs 32
Water year, definition of. 14
Wateree River below Eastover 66-73
  near Camden. 65
Wedboo Creek near Jamestown. 158
Wells, description of. 15
  Numbers of 15
  Water-level measurements in. 322-361
West Branch Cooper River at Pimlico near
  Moncks Corner. 174-180
West Fork Little River near Salem Crossroads . . 124
Whites Creek near Wallace 43
WRD, definition of 14
WSP, definition of 14

X-004 at Savannah River Plant. 255

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CALENDAR FOR WATER YEAR 1986

1985

OCTOBER

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